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1961/1962

Susquehanna University

Correspondence Directory

To facilitate prompt attention, inquiries should be addressed as indicated:

Academic Information	*Dean*
Admissions	*Director of Admissions*
Alumni Interests	*Director of Alumni Relations*
Athletics	*Director of Athletics*
Business Matters	*Business Manager*
Gifts and Bequests	*President*
Health Services	*University Nurse*
Placement	*Director of Placement*
Publications, Publicity	*Director of Public Relations*
Religious Activities	*Chairman, Religious Life Committee*
Scholarships, Student Aid	*President*
Student Interests	*Dean of Students*
Summer School	*Director of the Summer School*
Transcripts, Academic Reports	*Registrar*

Visitors are welcome to the campus. Administrative offices are open Monday through Friday from 8:45 to 4:45 and on Saturday until 12. Applicants for admission are expected to make appointments in advance.

Susquehanna
University
BULLETIN

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cover: *Susquehanna University Library as viewed from Landes Gateway. Gouache painting by Hilda Karniol.*

3:

Purposes and Objectives

Susquehanna University was founded by leaders of the Lutheran Church in 1858 and remains in close affiliation with this church. It is supported in its purposes and objectives by the Central Pennsylvania Synod of the United Lutheran Church in America.

Susquehanna University is basically a Liberal Arts college offering the Bachelor of Arts degree. Additional curricula are offered in Music Education, Business Administration, and Business Education, leading to the degree of Bachelor of Science.

Historically, Susquehanna has aimed to provide for its students adequate educational facilities and competent scholars as teachers who are vitally concerned in creating an environment dynamic to the production of Christian character among all those within the University community.

Academically, Susquehanna has limited itself to curricula in liberal arts, sciences and the above professions. It plans in the immediate future to concentrate in these fields of study. Through them, the University seeks to stimulate an appetite for pure learning which will prepare its students for the professions, the business world, and further study in recognized graduate schools. Susquehanna University desires to see in its students true scholarship interpenetrated with a genuine Christian faith.

4:
Introduction to Susquehanna

HISTORICAL SKETCH

Susquehanna University had its beginnings as the Missionary Institute of the Evangelical Lutheran Church, the cornerstone of which was laid on September 1, 1858, with the Reverend Dr. Benjamin Kurtz of the Maryland Synod as the founder. Established to supply the need for more ministers, the institution has broadened its scope to include the preparation of young men and women for the professions and postgraduate work, never ceasing to emphasize the necessity of the Christian way of life in all true education.

During its existence of more than one hundred years the institution has had thirteen presidents, all Lutheran ministers except one, Dr. John I. Woodruff, who served as acting president for one year.

In 1873 Missionary Institute became a pioneer in the field of coeducation by admitting women from the defunct Susquehanna Female College of Selinsgrove. In 1895 the corporate name of Missionary Institute was changed to Susquehanna University.

From the beginning the institution maintained a classical or collegiate department as well as a theological department. In 1882 music courses were established in the classical department and an independent music department was started in 1900. During this same year the business department was begun. All of these curricula continue to the present day except for the theological department which disbanded in 1933.

The history of Susquehanna might well be divided into four eras: 1858-1904, the formative years; 1905-1927, the age of expansion; 1928-1958, the period of consolidation; and, beginning with

the advent of President Weber in February 1959, renewed expansion.

Presidents have been: Benjamin Kurtz, D.D., LL.D. (1858-1865); Henry Ziegler, D.D. (1865-1881); Peter Born, D.D. (1881-1893); Franklin P. Manhart, D.D., LL.D. (1893-1895); J. R. Dimm, D.D., LL.D. (1895-1899); C. W. Heisler, D.D. (1899-1901); John I. Woodruff, Litt.D., LL.D., *Acting President* (1901-1902); G. W. Enders, D.D. (1902-1904); J. B. Focht, D.D. (1904-1905); Charles T. Aikens, D.D. (1905-1927); Jacob Diehl, D.D., *Acting President* (1927-1928); G. Morris Smith, M.A., D.D., LL.D. (1928-1959); Gustave W. Weber, B.A., B.D., S.T.M., Th.D. (1959-).

LOCATION AND ENVIRONMENT

SUSQUEHANNA UNIVERSITY is located at Selinsgrove, Pennsylvania, a town of about 4000 inhabitants, 50 miles north of Harrisburg and five miles south of Sunbury, on a campus of 65 acres. Situated on the Susquehanna River in Snyder County, Selinsgrove is a pleasant, small town in one of the most beautiful river valleys in America.

Selinsgrove is reached by bus from Harrisburg or Sunbury, both of which are served by the Pennsylvania Railroad. In addition, the Harrisburg Airport is served by Allegheny, Capital, and Trans World Airlines. By automobile Selinsgrove is approached from the north and south by Routes 11 and 15, from the west by Route 522, and from the east by Route 122.

ACCREDITATION

SUSQUEHANNA UNIVERSITY is fully accredited as a four-year liberal arts college by state and regional accrediting organizations, including the Middle States Association of Colleges and Secondary Schools, the Pennsylvania State Department of Public Instruction, and the Board of Regents of the University of the State of New York.

Susquehanna is also a member of the Association of American Colleges, the American Council on Education, and the National Lutheran Educational Conference.

SUPPORT AND CONTROL

FINANCIAL SUPPORT is given Susquehanna by the Central Pennsylvania Synod and the Board of Higher Education of the United Lutheran Church in America. Additional funds derive from loyal alumni and friends, other synods, foundations, business and industry. Susquehanna cooperates with 42 other Pennsylvania Colleges in promoting the program of the Foundation for Independent Colleges, Inc.

Control of Susquehanna University is vested in a Board of Directors of 32 members. Eight of these — four clergymen and four laymen — are elected by the Central Pennsylvania Synod. One is elected by the General Alumni Association.

FACULTY

THE PRESENT FACULTY of Susquehanna University numbers 57, including seven person who serve on a part-time basis. In keeping with the University's stated purpose and objectives, Susquehanna expects of its faculty members: (1) competent or superior training, (2) experience, (3) genuine interest in the individual student, (4) vital concern for the nurture of Christian character in all members of the University community.

STUDENT BODY

STUDENT REGISTRATION at Susquehanna for 1960-61 totaled 690, representing fourteen states, the District of Columbia, and France. Traditionally, a majority of the students come from Pennsylvania. The Susquehanna student body is generally known as one of serious purpose and good conduct, seeking to take advantage of its opportunity to develop capabilities of scholarship, personality, leadership, and usefulness.

ALUMNI

WITH BEGINNINGS that date to 1884, the Alumni Association of Susquehanna University has approximately 3700 graduates and former students on its rolls. All the leading professions are represented with a number of Susquehanna alumni holding posts of par-

ticular prominence in the fields of business, education, religion, science, engineering, music, medicine, and law. Alumni are located in 40 states and many foreign countries.

The Alumni Association is governed by an elected body of officers and the Alumni Council. It sponsors an annual Alumni Loyalty Fund, publishes the quarterly *Susquehanna Alumnus,* and organizes alumni activities on the campus and in 19 district clubs.

WOMEN'S AUXILIARY

More than 2000 loyal women have banded themselves together to stimulate and support the welfare and progress of Susquehanna. Through the Women's Auxiliary, organized in 1922, these women have been responsible for raising funds for many worthwhile building and furnishing projects on the campus. The largest gift from the auxiliary totaled nearly $50,000 toward the construction of Heilman Music Hall. The auxiliary meets monthly during the academic year. Membership is open to all women who are interested in the University.

5:

Campus and Facilities

ON SUSQUEHANNA'S attractive campus of 65 acres there are twenty-two brick buildings spanning a construction period of 100 years. Well-kept lawns, athletic fields, and some 1000 trees and shrubs of nearly 100 species add to its beauty the year around. Future development and erection of new buildings follow the logical, forward-looking, master plan of a campus architect.

BUILDINGS

Selinsgrove Hall is Susquehanna's first building. It was built in 1858 very largely through the generosity of the people of Selinsgrove and vicinity. During the days of Missionary Institute, from 1858 to 1895, it was the only building on the campus and contained a dormitory for men, classrooms, literary society halls, and a chapel. A substantial three-story building, today it houses administrative offices on the first and ground floors, and a men's dormitory on the second and third floors. Selinsgrove Hall was extensively renovated in 1959.

Gustavus Adolphus Hall is a three-story building containing the student lounge, snack bar, and post office on the first floor, and a men's dormitory on the second and third floors. This is the second oldest building on the campus, having been completed and dedicated in 1895.

Seibert Memorial Hall is a large, colonial-style building erected in 1901-1902. It was named in honor of Samuel Seibert of Hagerstown, Maryland, whose will provided the University with $20,000. This gift from the Seibert estate was made possible largely through the efforts of Dr. S. W. Owen of Hagerstown, who was president of the Board of Directors at the time. The first floor of Seibert Hall includes reception rooms and social parlors, the chapel, and Horton Dining Room. The second and third floors are dormitories for women. Social rooms are located on the ground floor. The Möller

three-manual pipe organ in the chapel was presented by William A. Hassinger in memory of his wife, Mrs. Almeda M. Hassinger. Seibert Hall was extensively renovated in 1960.

Steele Science Hall, completed in 1913, was built through the gifts of the late Charles Steele, other directors of the Board, and friends of the University. It contains the laboratories and facilities for the Division of Natural Sciences and Mathematics.

Hassinger Memorial Hall, a modern fireproof dormitory dedicated in 1921, was erected largely through the gifts of the family of Martin Luther Hassinger, a former director of the University. Besides its three floors of dormitories for women, Hassinger contains several faculty offices, a guidance center and psychology laboratory on the ground floor. This building underwent major renovations in 1958 and 1959.

Alumni Gymnasium was constructed in 1935, replacing an older building destroyed by fire. Money for construction of the new gymnasium, raised under the leadership of Dr. G. Morris Smith, who was President of the University, was contributed by alumni, friends, faculty, and directors of Susquehanna. The main floor, large enough for two simultaneous basketball games, includes facilities for indoor baseball, volleyball, tennis, handball, badminton, and gymnastic activities, as well as offices for the physical education staff. The ground floor contains locker rooms, shower rooms, play rooms, and separate equipment facilities for men and women.

Jerry D. Bogar, Jr. Hall was dedicated in 1951. Modern in every detail, this fireproof building contains classrooms, lecture and seminar rooms, faculty offices, and special facilities for the Art, Business Administration, and Business Education departments. It also houses Bogar Theatre with its stage, auditorium, workshops and storerooms. The building was erected partly with funds contributed during the Christian Higher Education Year appeal. Outstanding donors were Jerry D. Bogar, Jr. and his son, Guy M. Bogar, alumni of Susquehanna University.

Heilman Hall, the home of Susquehanna's Division of Music, was dedicated in 1958, its construction made possible largely through a substantial gift from the late Mrs. May Heilman Spangle of Williamsport, Pennsylvania. This especially well-equipped building contains four classrooms, twenty individual practice rooms, ten

instruction studios, a rehearsal hall, library and listening room, reception hall, and an office for the division head. Valued at some $300,000, Heilman Hall was also partially underwritten by Susquehanna's Women's Auxiliary and the synodical Centennial Appeal.

The Library, completed in 1958, is more than double the size of the original library built 30 years earlier. Its facilities include several reading rooms and stack areas, carrels for private study, rooms for periodicals, cataloging, typing, record listening, reserve books, reference material, microfilm reading, classes, and offices.

The book collection now numbers more than 41,000; approximately 2000 titles are added annually. Special collections include the Wilt bequest of works especially interesting to music students, and the Pennsylvania collection. In addition, the Snyder County Historical Society houses its collection in the library, and makes its books available to the authorized public. Currently the library receives about 300 periodicals and nearly all the major indices.

Open 69 hours each week, the Susquehanna library serves as an integral part of classroom study and provides stimulating materials for undergraduates, faculty, and friends in the community. To acquaint them with the basic tools of research, ten hours of instruction are given all freshmen by the librarians.

The Health Center, formerly the home and office of the late Dr. Henry C. Benzenberg, provides complete facilities for Susquehanna's Health Service. The handsome, white brick, colonial building contains examining and treatment rooms, a drug room, infirmary, waiting room, and office and apartment for the University Nurse.

Pine Lawn is the house occupied by the President of the University. It was erected in 1929.

The Cottage and houses at 600, 601 and 607 University Avenue are auxiliary residences for women.

Three duplex residences on the campus are occupied by members of the faculty and staff.

Two new fraternity houses, completed in 1960, are located on the west campus. One fraternity house is immediately adjacent to the campus.

A central heating plant and a laundry are located on the campus proper.

Two new dormitories, one for men and one for women, are currently under construction and will be ready for occupancy in September 1961. Each will house 150 students and provide generous lounge space.

OTHER FACILITIES

Latimer S. Landes Memorial Gateway stands at the main, east entrance to the campus. It was erected in 1959 through the generosity of Mrs. Latimer S. Landes in memory of her late husband, a prominent York, Pennsylvania physician who was president of the Class of 1911 and a member of the University's Board of Directors.

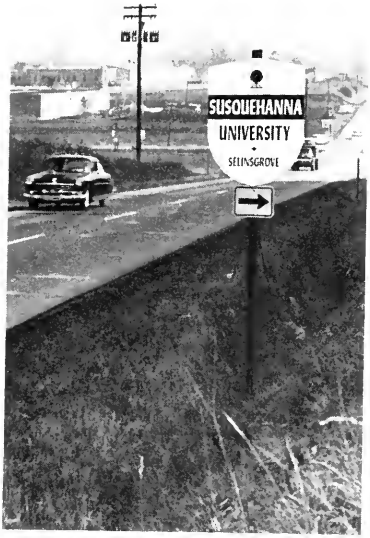
University Field, located east of the gymnasium, includes two gridirons, soccer and baseball fields, a 9-hole golf course, four all-weather tennis courts, four clay tennis courts, and a quarter-mile track with a 220-yard straight-away.

Women's Athletic Field, west of the gymnasium, includes fields for hockey and soccer, and an archery range.

The Campus Book Store, on the first floor of Gustavus Adolphus Hall, is the source for text books, other school supplies, and specialties. Student and faculty mail is distributed through regulation boxes at the Post Office on the same floor.

A *Health Service* is operated under the direction of the University Nurse, with the main dispensary located in the Health Center. The nurse and one of Susquehanna's University Physicians are on duty at regular clinic hours each day. Their services are available to all students in the dormitories and fraternity houses for treatment of illness or injuries. In addition, infirmary facilities are maintained for students housed in the dormitories.

The Susquehanna University Press, publishing since 1936 an annual journal of faculty research articles under the title *Susquehanna University Studies,* received official sanction in 1944. During the last 23 years more than twelve books have been published, including six volumes of the *Studies.* The first full-length book was *Walk the Long Years,* a narrative of the Susquehanna Valley by Frederic Brush. Recent books were *The Story of Susquehanna University* by William S. Clark and Arthur H. Wilson, and *The Hawaiian Revolution (1893-94)* and *The Hawaiian Republic (1894-98)* by William A. Russ, Jr.

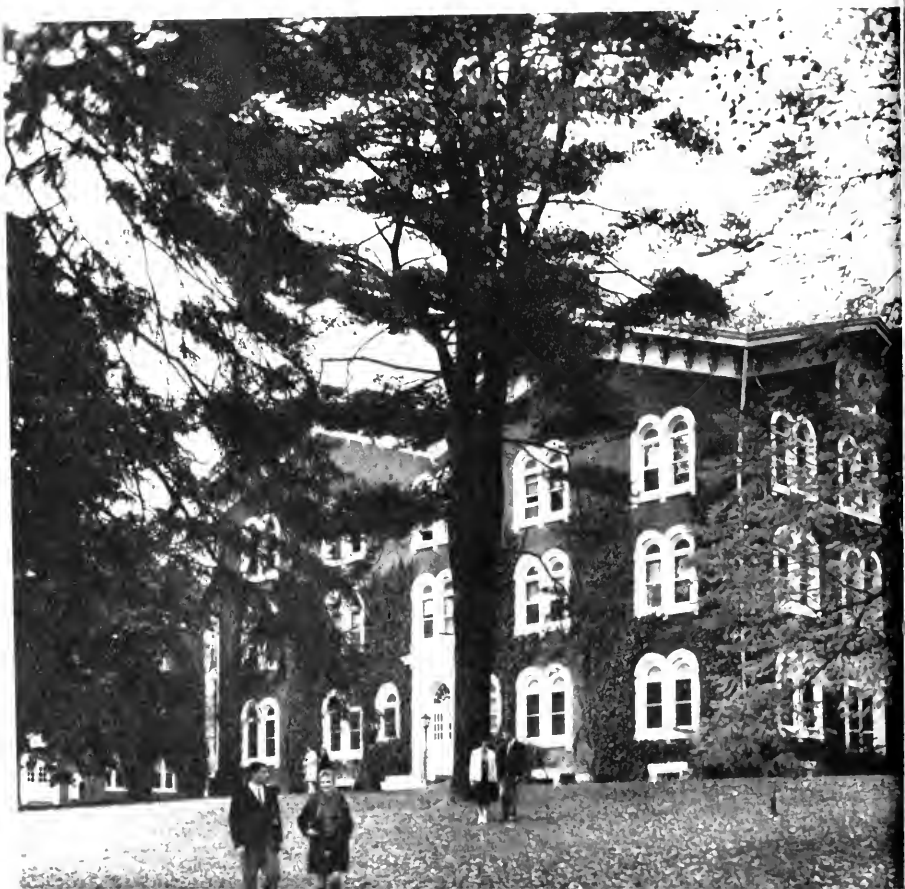


Trailblazer signs direct the traveler to Susquehanna University at Selinsgrove.

Landes Gateway stands at the eastern entrance to the campus.

Heilman Music Hall is one of the finest facilities of its kind in the nation.

Many men students live on the upper floors of Selin
grove Hall and Gustavus Adolphus Hall (at left



TELEPHONES

TELEPHONE NUMBERS in use on the campus are listed for the convenience of those wishing to contact personnel or students. To assure quick service, parents and friends are urged to telephone students at their place of residence.

DIRECTORY

Administrative Offices	DRake 4-2345
Admissions	Dean of Students
Alumni Relations	Dean of Women
Bursar	President
Business Manager	Public Relations
Dean	Registrar
Athletic Director	DRake 4-2666
Dormitories, Men's	
Gustavus Adolphus Hall	DRake 4-9941
309 University Avenue	DRake 4-9813
Selinsgrove Hall	DRake 4-9845
Dormitories, Women's	
Cottage, 597-599 University Avenue	DRake 4-2279
Hassinger Hall	DRake 4-9850
Hassinger Hall Head Resident	DRake 4-1100
Seibert Hall	DRake 4-9862
Seibert Hall Head Resident	DRake 4-0211
593 University Avenue	DRake 4-6374
600 University Avenue	DRake 4-6372
601 University Avenue	DRake 4-6567
607 University Avenue	DRake 4-6566
Education and Guidance	DRake 4-1104
Fraternities	
Lambda Chi Alpha, West Campus	
Phi Mu Delta, 308 University Avenue	DRake 4-9911
Theta Chi, West Campus	
Gymnasium	DRake 4-1101
Health Center	DRake 4-0126
Heating Plant	DRake 4-1102
Heilman Music Hall	DRake 4-1454
Kitchen	DRake 4-7233
Library	DRake 4-1459

6:
Student Life

RELIGIOUS LIFE

EDUCATION without religion is incomplete. Susquehanna stands for a steady and consistent cultivation of religious life. Each student is expected to attend the University chapel and the church of his choice regularly.

The Student Christian Association carries on a voluntary religious program throughout the year. By the example of their own lives, members seek to lead others to the full expression of their personalities and, through friendship, to acquaint new students with the ideals of college life.

SOCIAL LIFE

SUSQUEHANNA UNIVERSITY, a coeducational institution, seeks to supply a normal, natural development in refined and cultural surroundings. Social life is under the control of a faculty committee. All social events, with chaperons specifically named, must receive the approval of the faculty social committee.

STUDENT ORGANIZATIONS AND ACTIVITIES

NEW STUDENT ORGANIZATIONS may be formed by having their constitutions and by-laws approved in advance by the administration and faculty. All changes in the existing constitution and by-laws must also be approved. All college organizations (except those maintaining dormitories or dining halls) which collect dues or assessments or raise money otherwise for any purpose are required to keep their funds on deposit with the office of the Bursar, thus securing a complete and accurate accounting for all funds received

and spent. This procedure is not designed to relieve the organization officers of any responsibility.

STUDENT GOVERNMENT

THE STUDENT COUNCIL serves as the students' governing instrument for directing and/or supervising student life at Susquehanna. It provides for student government on a democratic basis. All of its activities are under the guidance of the administration of the University.

The Student Council consists of fourteen members in a ratio proportionate to the existing college enrollment. These members are elected for a term of two years by the student body from a slate proposed by the existing Student Council.

Students are encouraged to take an active part in the various activities of the Student Council.

STUDENT PUBLICATIONS

THERE ARE three official student publications at Susquehanna, each fulfilling a specific function.

The Student Handbook serves as a guide and reference book to all new students. It is published annually by the Student Christian Association.

The Crusader is the official student newspaper of Susquehanna University, published weekly throughout the school year except for vacation and testing periods. The purpose of *The Crusader* is to serve as a college news source for students, faculty and administration and to provide students of journalistic bent with an opportunity for expression and experience.

The Lanthorn is issued annually by members of the junior class. The Susquehanna yearbook, it contains a record of college life portrayed by pictures, prose and poetry.

ATHLETICS

SUSQUEHANNA recognizes the important place which organized games and sports play in college life. The athletic program of the University, controlled by a faculty committee, is an integral part of the educational objective of the University.

Susquehanna is a member of the National Collegiate Athletic Association and of the Northern College Division, Middle Atlantic Conference. It fields intercollegiate teams for men in football, soccer, basketball, baseball, tennis, track, and golf. Women play intercollegiate field hockey and basketball.

Amateur standards are strictly maintained in intercollegiate sports. No scholarships are given for athletic ability alone. Athletes secure and retain academic scholarships by meeting the same scholastic standards which are required of all other scholarship holders.

Great emphasis is placed on intramural games for both men and women. The Women's Athletic Association and the Men's Intramural Board organize and conduct the contests and the giving of awards. An unusually large proportion of students who are not on varsity teams thus participate in the athletic program.

NATIONAL SOCIETIES

FOUR NATIONAL societies maintain active chapters at Susquehanna to strengthen interest and activity in certain areas.

Alpha Psi Omega is a national dramatic fraternity consisting of 198 chapters, organized for the purpose of providing an honor society for those performing a high standard of work in dramatics. Through the expansion of Alpha Psi Omega among the colleges of the United States and Canada, the fraternity provides a wider fellowship for those in the college theatre. The Susquehanna chapter, Theta Phi, was chartered in 1941.

Pi Gamma Mu is a national social science honor society consisting of 130 chapters with a membership of over 19,000, established to encourage and reward undergraduate interest in the social studies. The Pennsylvania Gamma Chapter at Susquehanna was established in 1927 and its membership includes members of the faculty, alumni and students. Members are selected on the

following basis: evidence of special interest in social studies in which the student must have at least twenty semester hours with not less than a "B" average.

Sigma Alpha Iota is an internationally incorporated professional fraternity for women in the field of music. Membership is based upon scholarship (a "C-plus" average in music subjects and "C" in college courses), musicianship, personality and character. It is open to all music students. Its purpose is to promote high standards of professional performance and teaching as well as to further the development of music in America and in foreign countries. The Susquehanna chapter, Sigma Omega, was chartered in 1927 and is one of 119 college chapters in the United States.

Tau Kappa is a national athletic honorary fraternity for women. Upon earning a Junior Award in the Women's Athletic Association, a student is eligible for membership in Tau Kappa. The purpose of this fraternity is to maintain as well as increase the individual's interest in sports as a participant and as a spectator. The Beta Chapter of Tau Kappa was founded at Susquehanna in 1948.

SPECIAL INTEREST CLUBS

STUDENTS at Susquehanna may join a number of special interest organizations. Meetings, usually held monthly, feature special discussions, concerts, tours, and other programs to inform, instruct, and broaden the members' interest.

The Biemic Society is maintained to further the interests of students in biology, chemistry, and physics, and to present programs prepared by members or by guest speakers.

The Business Society is an organization of students enrolled in the departments of Business Education and Business Administration. The society endeavors to promote discussions of problems relating to education and business, to continue the building of a scholarship fund to aid worthy students, to inspire and encourage students to attain higher scholastic achievement, and to establish a closer fellowship among its members through social activities.

Beta Alpha Rho is an organization of students interested in the classical languages and civilization. At its meetings phases of ancient classical literature and civilization are discussed.

The Susquehanna University Players is the organization responsible for all dramatic productions. It was formed with the purpose of giving interested students an opportunity to perform before the public and to participate in the behind-the-scenes activities in the presentation of plays. Acting, stage work, make-up and some directing are done by members of the group.

The Future Teachers Association is an organization whose membership consists of students interested in teaching as a profession. This organization is primarily concerned with the pre-professional growth of teaching candidates prior to their in-service experiences.

The Pre-Theological Club is an organization of students of all religious denominations who are planning to enter church work. Meetings are held monthly with members of the faculty and the local clergy.

Alpha Phi Omega is a national service fraternity composed of college and university men who are or have been affiliated with the Boy Scouts of America.

MUSICAL ORGANIZATIONS

EXPERIENCE in broadening musical performance, perception, and perspective is offered in the Chapel Choir, Symphony Orchestra, and Marching and Concert Bands. Music students participate at the discretion of the directors of the organizations. Membership, by audition, is drawn from the entire student body.

The Symphony Orchestra, whose purpose is to foster more widespread interest in our heritage of truly great orchestral music, presents an annual spring concert including a varied program representative of a wide range of historical style and musical taste. Whenever possible, student soloists are featured in masterpieces of the repertoire.

The Marching Band offers opportunity for training marching bandsmen in the routine of intricate maneuver and drill formations. The band plays at home football games, certain away games and other special events.

The Symphonic Band studies and performs standard overtures, suites, and symphonic movements of the great masters. Works by contemporary composers are also examined and performed ac-

cordingly. Adequate technical facility, ability to read music readily, and a feeling for genuine interpretive skill are emphasized.

The Chapel Choir presents concerts of sacred music in churches and high schools in Pennsylvania and neighboring states. It also makes occasional appearances on television and the concert stage. In the Christmas and Lenten seasons the choir performs special music on the campus.

SOCIAL FRATERNITIES AND SORORITIES

THERE ARE three national social fraternities for men: Lambda Chi Alpha (Iota Eta chapter), Phi Mu Delta (Mu Alpha chapter), Theta Chi (Beta Omega chapter). Each has an attractive home for its members.

There are three national social sororities for women: Alpha Delta Pi (Gamma Omicron chapter), Alpha Xi Delta (Gamma Kappa chapter), Kappa Delta (Beta Upsilon chapter).

These organizations have been granted certain privileges by the Board of Directors. Freshmen are discouraged from becoming pledged to fraternities or sororities during the first semester rushing season if their mid-semester grades are below average.

Freshman pledges will be permitted to become active members of fraternities or sororities in May of the freshman year provided their scholastic standing is satisfactory.

A student who has completed one full year's work in another college and is of sophomore standing may be rushed by a fraternity or sorority under the same rules that govern the rushing of freshmen.

CULTURAL OPPORTUNITIES

EACH DIVISION of the University annually brings to the campus outstanding programs in its particular field. These presentations are open to all students and persons of the community.

Because of the presence on the campus of a Division of Music, Susquehanna students enjoy unusual opportunities in the field of music. The various musical organizations constantly produce excellent musical programs. In addition, through its Artist Series, the University annually presents outstanding musical artists.

Student Recitals offer opportunities both for listening and for performing. The student musician is primed to gain poise, confidence, and experience in stage deportment. In this situation he establishes contact with a live audience and learns to project what he feels.

Faculty Recitals enable students to enlarge their listening pleasure. Through well-planned programs of fine examples of literature, the music student observes at first hand the principles he is striving to master.

HONORS AT GRADUATION

SENIORS having a scholarship index of 3.75 to 4.00 are graduated *summa cum laude.* Those with a scholarship index of 3.50 to 3.74 are graduated *magna cum laude.* Those with a scholarship index of 3.25 to 3.49 are graduated *cum laude.* Honors are announced at commencement exercises.

PRIZES

Stine Mathematical Prize. Through an endowment made by the Rev. H. M. Stine, Ph.D., D.D., of Harrisburg, Pennsylvania there is annually provided a prize of fifteen dollars to be awarded to a members of the sophomore class who has the highest average in the study of mathematics during the freshman and sophomore years. The conditions under which the prize will be conferred shall be subject to the regulations of the faculty.

Sigma Alpha Iota National Fraternity Prize. A certificate is awarded by the Sigma Alpha Iota Fraternity to its senior woman having the highest average for four years in the music course.

Alpha Delta Pi Sorority Prize. A cash prize is awarded by the

Alpha Delta Pi Sorority to its senior woman having the highest academic average for her college career.

Kappa Delta Sorority Prize. A cash prize is awarded by the Kappa Delta Sorority to its senior woman having the highest academic average for her college career.

Charles E. Covert Memorial Prize. By a bequest of $500 from the Alberta S. Covert estate, the Charles E. Covert memorial prize has been established to be awarded to a member of the junior class deemed to have exercised the most wholesome influence during his first three years. Elements of character, scholarship, attitude, and leadership will receive major consideration in awarding this prize.

Business Society Scholarship Trophy. A silver trophy cup, provided by members of the Class of 1950, is to be awarded for one year to that member of the freshman class in Business Education or Business Administration who has attained the highest scholastic standing during his freshman year.

DISCIPLINE

It is expected that all students come to Susquehanna for serious study and that they will adjust themselves to its ideals and regulations. The University reserves the right to require the withdrawal of students whose scholarship is unsatisfactory, and of those who for any other reason are regarded as not in accord with the ideals and regulations which the University seeks to maintain.

A student expelled for misdemeanors loses all credit for work done during the semester. In any case of reinstatement, the student will be on probation for one semester.

Intoxicating liquors are not allowed in students' rooms or fraternity houses. The detection of alcoholic liquors in any student's room or on his person will be held sufficient evidence to warrant his suspension from the University.

Drinking of intoxicating liquors, gambling, cheating, immorality, or similar breaches of discipline may be punished by suspension or expulsion from the University.

No firearms are permitted on the campus unless permission is secured from the Dean of Students.

HOUSING AND BOARDING FACILITIES

FRESHMEN ARE required to room in the University residences and board in the Horton Dining Room unless they are day students. When the dormitories are filled, special permission will be granted allowing men students to room and board in the town of Selinsgrove.

Students who room in Selinsgrove will make their own arrangements from a list of available rooms and rates, provided by the University. Rooms thus taken are ordinarily rented for one semester and are paid for by the week in advance. There are no rebates granted to the roomers for vacations during a semester.

Any resident junior, senior or special student desiring to room in a fraternity house must first have permission from the Business Manager. Rooms in the dormitories are rented for the full college year and no change is permitted except through a written request to and approval of the Business Manager.

The University reserves the right to close all residences as well as the dining room at stated times, such as during vacation periods.

The policy of the University is to have separate housing for freshmen and upperclassmen insofar as possible. This is applicable to both men and women. An exception is made for freshman veterans. Their maturity and experience normally is such that the University deems it advisable for them to be housed with upperclassmen.

Rooms in the dormitories are furnished with beds, springs, mattresses, wardrobes, chairs and tables. Each student must supply his own sheets, blankets, pillows, pillow cases, rugs, and towels. Linen rental service, including sheets, pillow cases, towels, and blankets, is available from a nearby laundry. Students are advised of this service and its cost during the summer months. It is suggested that each student bring a good study lamp with him.

Any student willfully destroying or defacing University property will be required to pay the cost of replacement or repair and will be subject also to a fine or dismissal from Susquehanna.

It is assumed that all students contracting for rooms and board

in the University residences accept the responsibility of abiding by the rules and regulations, a copy of which must be signed by the resident student and by one of his parents if he is a minor.

The University does not carry insurance on personal property of faculty members or students and is not responsible for its loss or damage.

Room assignments are made to returning students during the first week in April. Reservation of room must be accompanied by a deposit of $50. Unless the reservation is cancelled before July 1, the fee is forfeited. Rooms are rented for the entire year, but Susquehanna University reserves the right to change any room assignment at its own discretion. The University also reserves the right to inspect rooms when it sees fit. On the campus, both self-service and commercial laundry facilities are available.

OTHER REGULATIONS

RULES and regulations not covered in this catalog are outlined in detail in the *Student Handbook*. All students are responsible for adherence to the University's rules and regulations, no matter in which form they are published. While frequent changes are not probable, the administration reserves the right to make any changes it deems necessary.

HEALTH SERVICE

SUSQUEHANNA requires a physical examination of each student before he enters the University. This is done by the physician of the applicant's choice and reported on a comprehensive form supplied by the University. Examination reports are studied by the University Nurse, who makes special provision for students who need special attention, such as reduced schedules, excuses from physical education classes, and similar measures. The services of Susquehanna's Health Service are described on page 16.

While the educational program at Susquehanna constantly emphasizes the importance of good health habits, each freshman is required to take a special course in personal hygiene under the direction of the department of Physical Education.

MILITARY SERVICE

REPRESENTATIVES of the armed service branches regularly visit the Susquehanna campus to interview students interested in special officer training programs to fulfill their military obligations. Most of these programs make it possible for the student to obtain a commission upon graduation from college.

EXCLUSION FROM THE UNIVERSITY

THE ADMINISTRATION reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable without assigning any further reason. In such cases the fees due or paid in advance to the University will not be remitted or refunded, in whole or in part. Neither Susquehanna University nor any of its officers shall be under any liability whatsoever for such exclusion.

7:

Scholarships and Student Aid

About forty percent of the students at Susquehanna receive some sort of financial aid toward the cost of their education. This aid is given in the form of outright scholarships, work grants, discounts, loans, etc. Applications for financial assistance, aside from regular academic scholarships, are subject to the processing of the College Scholarship Service of the College Entrance Examination Board, Princeton, N. J. Specific information concerning scholarships and loans may be secured from the Business Manager.

ENDOWMENT SCHOLARSHIPS

1. *The Bodine Scholarship,* endowed by Dr. DeWitt Bodine of Hughesville, Pennsylvania, in the amount of $500. The annual interest of this sum as a scholarship is under the direction of the Council of Trinity Lutheran Church, Hughesville, Pennsylvania.

2. *The Brownmiller Scholarship* of $1000, established by the Rev. E. S. Brownmiller, D.D., and his son, the Rev. M. Luther Brownmiller, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.

3. *The Bateman Scholarship* of $500, established by the Rev. S. E. Bateman, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.

4. *The Huyett Scholarship,* established by Mr. E. M. Huyett of Centre Hall, Pennsylvania, of $1000, to be given under the direction of the President of the University.

5. *The Bodine Scholarship* of $1000, established by Mrs. Emma B. Bodine of Hughesville, Pennsylvania, widow of Mr. DeWitt Bodine, in memory of her husband, who was a director of the University.

6. *The Duck Scholarship* in the amount of $1000, established by Mr. Henry Duck of Millheim, Pennsylvania, in memory of his wife.

7. *The Keiser Scholarship* in the amount of $1000, established by Mr. John A. Keiser of West Milton, Pennsylvania, in memory of his wife.

8. *The Wieand Scholarship* in the amount of $1000, established by the Rev. W. R. Wieand, D.D., of Altoona, Pennsylvania, in grateful remembrance of what Missionary Institute, now Susquehanna University did for him in earlier years.

9. *The Mary L. Steele Scholarship* in the amount of $5000, established by the late Charles Steele of Northumberland, Pennsylvania. The income is to be used for the education of worthy students at Susquehanna University subject to nomination by the donor's family.

10. *The Lena Brockmeyer Scholarship* in the amount of $1000, established by check received from the Rev. G. L. Rankin, then treasurer of Pittsburgh Synod, of Wilkinsburg, Pennsylvania.

11. *The M. P. Möller Scholarship* in the amount of $5000, established by Mr. M. P. Möller of Hagerstown, Maryland.

12. *Class Gift Scholarship.* Class gifts from the graduating classes of 1914, 1930, 1931, and 1932 have made possible the establishment of a fund, the income from which makes available a scholarship annually for a person who has attained a high scholastic rank.

13. *Women's Auxiliary Scholarship* in the amount of $2000, established in 1931 by the Women's Auxiliary of Susquehanna University.

14. *The William H. Miller Scholarship,* established by William H. Miller of Stoystown, Pennsylvania, in the amount of $900. The

annual interest on this sum is a scholarship under the direction of the administration of the University for the education of worthy young men preparing for the gospel ministry.

15. *The Misses Amanda and Elizabeth Smith Scholarship,* endowed in the amount of $1000, the income to be available for worthy students for the ministry.

16. *The Lillian V. Johanson Smith Scholarship,* established in 1943 by her sister, Miss A. E. Johanson, her brother, Dr. A. M. Johanson, and her husband, Dr. G. Morris Smith. The amount of the endowment is $2500, the interest from which is to be awarded from year to year to that needy student who, in the judgment of the scholarship committee, shows the marks of scholarly achievement coupled with dedication to the Christian spirit.

17. *The Abraham H. Heilman Scholarship* in the sum of $1000, established in 1945 by his son, William C. Heilman of Cambridge, Massachusetts.

18. *The Adeline Elizabeth Landes Scholarship* in the sum of $1000, established in 1945 by her son, Dr. Latimer S. Landes of York, Pennsylvania.

19. *The Sallie Burns Lenker Scholarship* in the sum of $5000, established in 1945 by Mrs. Sallie Burns Lenker of Dalmatia, Pennsylvania, for students of the Lower Mahanoy Consolidated School, Dalmatia, Pennsylvania. It is understood that recipients of this scholarship shall, upon achieving earning capacity, make in gratitude an appropriate contribution to the Sallie Burns Lenker Scholarship Fund.

20. *The Della Gramly Ocker Scholarship* in the sum of $1628.45, established by the will of Mrs. Della G. Ocker of Harrisburg, Pennsylvania, for worthy students of the ministry.

21. *The Business Scholarship,* endowed in 1946 by the Business Society of Susquehanna University in the sum of $2580, to aid worthy business students.

22. *The Thomas David Bittinger Scholarship* in the sum of $500, established January 29, 1947 by his father, Charles E. Bittinger,

in memory of his son, a former student at Susquehanna University, who lost his life in World War II.

23. *The George B. Wolf Scholarship,* of $5000, established in 1947 from a portion of the bequest of this generous director of Susquehanna University, and under the direction of the administrative scholarship committee of the University.

24. *The Philadelphia Alumni Scholarship,* totaling $4760, established by the Philadelphia Alumni Association.

25. *The Rev. and Mrs. J. Frank Matter Scholarship,* established legacy in 1949 in the amount of $10,092.62, available to worthy ministerial students upon approval of the scholarship committee of the University.

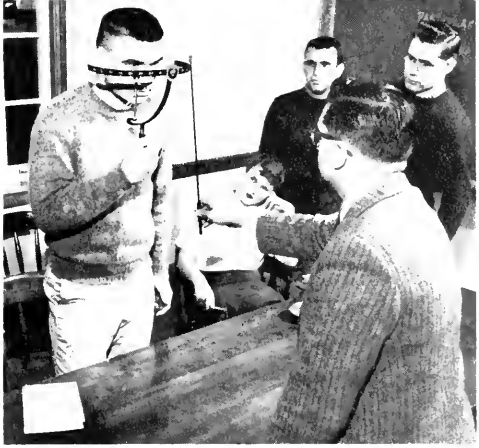
26. *The Amos Alonzo Stagg Scholarship,* established in 1949, to be administered by the regular scholarship committee of the University.

27. *The Ner B. Middleswarth Scholarship,* established by a bequest from his estate received on August 15, 1950 in the sum of $500, the interest on which is to be used annually for the benefit of someone preparing for the gospel ministry.

28. *The Heilman-Spangle Scholarship,* established in 1950 by Mrs. May Heilman Spangle for ministerial students. The amount of the endowment is $10,000 and interest will be available annually to that student who possesses superior talent for the high vocation of the gospel ministry. Intellectual ability, moral spiritual geniuneness, personal presence, and capacity for effective public speaking shall be factors in making the award.

29. *The Ella Ritter Scholarship,* established in 1951 by a bequest of $2992.50, the interest from which is to be awarded to a young woman desiring to pursue a pre-medical course of studies.

30. *The Samuel J. Johnston Scholarship* of $5000, established by a legacy from the estate of his wife, Irene G. Johnston, in 1954, to be administered by the regular scholarship committee of the University.



Color sensitivity of the eye is plotted with an eye perimeter.

Susquehanna students learn proper library procedure as an aid to individual research.

Across the Green from GA stands stately Seibert Hall.

Liberal arts and business classrooms are in Bogar Hall.

Susquehanna's Dean is always available for counseling.

31. *The Luther C. Peter Scholarship* of $5000, established in 1955 by Mrs. Carrie C. Peter in memory of her husband, to be administered by the regular scholarship committee of the University.

32. *The Mattie H. Deibler Scholarship* of $1000, established in 1955, to be administered by the scholarship committee of the University.

33. *The John A. Hoober Memorial Scholarship* in the sum of $20,000, established in 1951, by the will of his wife, Sarah A. K. Hoober, the income from which is to be used for the education of students from York County, Pennsylvania, and to be administered by the scholarship committee of the University.

34. *The Joseph L. and Greta Ray Scholarship* in the sum of $3833.45, established on January 20, 1956, interest from which is to be used to assist worthy pre-theological students during their freshman year.

35. *The Mr. and Mrs. Frank A. Eyer Scholarship* in the sum of $2000, established in 1956, the income from which is to be used for the education of worthy students and to be administered by the scholarship committee of the University.

36. *The Carol Reidler-Botteiger Scholarship* of $2150, established in 1956, interest from which is to be used for the education of worthy students subject to the nomination of the donor's family.

37. *The H. Clay Bergstresser Scholarship* in the sum of $1000, established in 1956, to be administered by the scholarship committee of the University.

OTHER SCHOLARSHIPS

Woodruff-Fisher Scholarships. Four of these scholarships are given each year by the Board of Directors in honor of Dr. John I. Woodruff and Dr. George E. Fisher, both members of the Class of 1888 and both former Susquehanna professors. Two of the scholarships are for full tuition for four years; two are for half-tuition for four years. One in each category is reserved for a Lutheran student.

These scholarships are awarded on the basis of a competitive examination usually held during the fall semester preceding the year in which the scholarship is to begin.

Lutheran Brotherhood Scholarship. Through the generosity of the Lutheran Brotherhood Life Insurance Society, a $300 scholarship is made available each spring for the following year to a Lutheran student in the junior class. It is awarded on the basis of outstanding scholarship, need, and good citizenship.

Weaver Memorial Classical Scholarships. These scholarships of $150 each are granted annually to students of the classical languages who have attained high academic grades. They are awarded to a member of each of the upper three classes, with preference given wherever possible to the previous recipient. The scholarships were established in 1960 by Rufus M. Weaver of Washington, D. C. in memory of his Lutheran forebears.

Fisher-Lubold Scholarship. An annual amount of $160 is to be used for aid to needy students, men or women, preparing for full or part-time Christian vocations exclusive of the ministry or the diaconate. The scholarship was established in 1960 by the Rev. and Mrs. R. L. Lubold of Selinsgrove.

For Children of Pastors. Unmarried children of clergymen of any denomination are granted a credit of $150 toward their tuition cost.

For Pre-Ministerial Students. Needy students planning to enter the Lutheran ministry are normally eligible for a certain amount of financial aid from the synod of their membership. Inquiries concerning such aid should be directed to the appropriate board or committee of the synod.

Special. Many industries have special scholarship aid programs for the benefit of children of employees. Inquiries should be directed to the industry concerned.

WORKING POSITIONS AND SCHOLARSHIP GRANTS

Opportunities for working positions on the campus are open alike to men and women students. The number of positions open

each year varies. Opportunity for student employment is contingent upon the quality of the academic record maintained. Any upperclassman deserving such an opportunity should make application to the Business Manager before May 1.

Scholarship grants are awarded on the basis of mental ability, academic achievement, general deportment, and financial need. They will not be renewed when the holder falls below a scholarship index 2.00 ("C") for the school year. These grants will be reduced or withdrawn if one or all of the following are unsatisfactory: deportment, scholarship and/or workmanship on assigned tasks.

A transfer student may not apply for a scholarship or financial assistance until he has completed one academic year at Susquehanna.

Veterans receiving government assistance are not eligible for these working positions and scholarship grants since the cost of their education is already substantially met by the Federal Government.

LOAN PROGRAMS

Government Loan Fund. In cooperation with the Federal Government under the National Defense Education Act, Susquehanna University has created a Government Loan Fund. All qualified students are eligible to borrow under this plan, although priority is given those preparing for the scientific and teaching fields.

The Roger Blough Loan Fund. This fund was established in 1959 through a substantial restricted gift from Dr. Roger M. Blough, Class of 1925. Under the terms of the Roger Blough Loan Fund, students who have satisfactory academic records and can demonstrate financial need may borrow up to $500 per year, repayable at reasonable interest rates beginning six months after leaving Susquehanna.

The Rev. C. B. King Scholarship. The sum of $2000 was established as a scholarship in 1952 by Mrs. Myrtle King Graham, daughter, and Mrs. Angie C. King Byers, wife, in memory of the

Rev. Cleason Becker King, D.D., the interest on which is to be administered as a loan to worthy pre-theological students, to be repaid without interest.

Tuition Plan. Susquehanna endorses the tuition plan of the Girard Trust Corn Exchange Bank of Philadelphia. Under this plan educational charges are paid to the University by the bank with the parents or students making monthly reimbursement directly to the bank. An insurance feature of the tuition plan assures completion of the student's educational costs in the event of the death of the parents.

8:

Admission to Susquehanna

In determining an applicant's eligibility for admission, the Committee on Admissions examines evidence relating to the whole personality of the applicant. This evidence relates to his scholarship, his moral character and ideals, the general character or pattern of his study in high school, his purpose in attending college, his health, and other points of strength or weakness in his school preparation, personality, and general cultural background. It is assumed applicants are in sympathy with the ideals of the institution and the program of education it sponsors.

In the selection of new students, the following factors are important:

(1) The transcript of the applicant's secondary school record.

(2) Recommendation of the secondary school principal or headmaster, guidance director and teachers.

(3) Results of the College Entrance Examination Board tests.

(4) Personal interview.

PROCEDURE FOR APPLYING FOR ADMISSION

Application for admission should be made to the Director of Admissions on forms provided by the University. The application must be accompanied by a fee of $10 and may be submitted any time after the completion of the junior year in high school.

COLLEGE BOARDS

All applicants for admission as freshmen must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. Information regarding testing dates and centers may be secured from high school guidance officers or by writing to the College Entrance Examination Board, P.O. Box 592, Princeton, N. J. Susquehanna is one of the regional CEEB testing centers.

ADVANCED PLACEMENT

SUSQUEHANNA UNIVERSITY participates in the Advanced Placement Program of the CEEB. Students who have taken advanced courses in secondary schools and who wish advanced placement must take the Advanced Placement examinations in order to be considered.

The University will either waive the elementary course offerings or grant credit on the basis of performance on the examination, if requested. The decision will be at the discretion of the Dean of the University and the department involved.

All communications dealing with Advanced Placement should be addressed to the Dean, Susquehanna University.

TRANSFER STUDENTS

A STUDENT who wishes to transfer to Susquehanna University from another accredited institution should follow the regular procedure for admission. He must arrange to have all colleges attended send transcripts and letters of honorable dismissal to the Susquehanna Director of Admissions. This must be done whether the student plans to seek admission as a freshman or with advanced standing. Students seeking to transfer to Susquehanna with advanced standing must be in good standing at the college from which they are transferring and must be eligible to continue study at that college. A minimum cumulative average of "C" for the college work previously taken must be presented.

For those who can qualify for admission with advanced standing, credits earned at an approved institution will be honored, provided the courses taken are equivalent to those found in the Susquehanna curricula and carry a grade of "C" or better. See statement on residence requirements page 50.

A transfer student may not apply for a scholarship or for financial assistance until he has completed one academic year at Susquehanna University.

THE INTERVIEW

ALL APPLICANTS for admission must confer in advance with a representative of the University and, if possible, should visit the campus. If the applicant cannot possibly arrange for an interview, the Director of Admissions must be notified.

Appointments for campus interviews must be made in advance. Interviewing hours are: Weekdays 9:00 a.m. to 11:30 a.m. and 1:00 p.m. to 4:00 p.m., Saturdays, 9:00 a.m. to 11:30 a.m.

EARLY DECISION

AT SUSQUEHANNA, provision is made for those students who seek an early decision concerning admission. If the record, as of the end of the junior year, is of a superior nature and if the student has made a high score on the College Boards, the Committee on Admissions will grant the student a tentative decision. The student makes a down payment of $50 on tuition costs and a place is reserved in his particular class. At that time final acceptance will depend upon the applicant's scholastic record during the senior year.

ADMISSION TO SUMMER SCHOOL

CANDIDATES FOR admission to Summer School who plan to earn a Susquehanna degree must follow the normal procedure in applying for admission. If the student is working for a degree in some other college or university, he should write directly to the Director of Summer School, Susquehanna University.

SECOND SEMESTER ENTRANCE

ALTHOUGH SUSQUEHANNA does not admit a new class in the second semester, there are usually a few openings for new students who are mature enough to make the adjustment to college life. Such students should use the normal procedure of admission outlined above.

ENTRANCE REQUIREMENTS

A MINIMUM of 15 units is required if the student enters from a four-year fully accredited high school or secondary school, or 12 units if he enters from a three-year fully accredited high school or secondary school. The units should be distributed as follows.*

FOR ENTRANCE TO THE LIBERAL ARTS AND MUSIC CURRICULA English, 3 units; foreign language, 2 units of one

*Students planning to take medical, dental, veterinary or other pre-professional courses must satisfy the state requirements for secondary work in these professions. In general, these requirements follow the pattern recommended for entrance of courses leading to the Bachelor of Arts degree.

language; mathematics (including algebra and plane geometry) 2 units; history, 1 unit; science, 1 unit; and electives to make 15 units.*

Prior to final acceptance of any applicant in the music curricula an audition will be arranged to determine basic aptitudes. The audition consists of a performance test in voice, piano, any other instrument the candidate is able to play, and a written test on the fundamentals of music. Decision will be based on the ability to sing and play with good tone and rhythm, on evidence of two years of piano study, and on the ability to read at sight.

FOR ENTRANCE TO THE BUSINESS ADMINISTRATION, BUSINESS EDUCATION, AND SECRETARIAL CURRICULA English, 3 units; history, 1 unit; science, 1 unit; and electives to make 15 units.* Preference will be given, however, to those students who have followed a straight academic program in high school, and who have carried a minimum of 2 years of mathematics and 2 years of a foreign language.

VETERANS

SUSQUEHANNA has been approved by the Veterans Administration to provide education under the Public Laws pertaining to veterans.

Certificates of eligibility and entitlement should be presented before or at the time of registration. Veterans who come to college without certificates may make application after arrival through the office of the Registrar.

Susquehanna will give appropriate credit for courses of college level taken in the armed services, in accordance with the recommendation of the American Council on Education. Official documents showing the work taken should be presented as soon as possible to the Registrar.

Accommodations for married veterans are available in homes and apartments in Selinsgrove. Veterans are excused from Physical Education and Personal Hygiene and thereby are given credit for their basic training in the armed services.

*Students who intend to seek teaching certification in New York state must present 4 units of English or a total of 16 units.

9: Costs

— CORRECTIONS —

By action of the Board of Directors, tuition costs at Susquehanna University are being increased to all *new* students entering in September 1961. New students in all departments will now be charged at the rate of $900 per year instead of the $800 listed in the catalogue. For new students taking less than 14 credit hours, the rate will be $30.00 per credit hour.

Because of an expanding student activities program, the comprehensive activities fee is increased to $75.00 for *all* students.

The fee for "Observation and Student Teaching" is increased to $5.00 per semester hour.

SUSQUEHANNA UNIVERSITY is a non-profit institution serving youth. The amount paid by the student per year does not meet the complete cost of his education. The contribution of the student is approximately 70 percent of the total cost. The balance is met by income from endowment, gifts from alumni and friends, and annual grants by the Board of Higher Education and the Central Pennsylvania Synod of the United Lutheran Church in America. Susquehanna University thus endeavors to maintain a high standard of education at minimum cost.

REGULAR CHARGES

THE BASIC COST of a year at Susquehanna, as outlined below, is approximately $1520 for resident students and $870 for non-residents. To the total, applicable special fees must be added. These amounts do not include travel, textbooks, laundry, and other personal expenses controlled by the student.

RESIDENT STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours) *	$ 800.00
Board	400.00
Room Rental	250.00
Comprehensive Fee	50.00**
Health and Accident Insurance (estimated)	20.00**
Total	$1520.00***

*Applicable to students taking from 14 to 18 credit hours inclusive. Those taking less than 14 or more than 18 will be charged on the basis of $25 per credit hour.

**Applicable to all students taking 12 or more credit hours.

***Applicable to all resident students in all divisions.

NON-RESIDENT OR DAY STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours) *	$800.00
Comprehensive Fee	50.00**
Health and Accident Insurance (estimated)	20.00**
Total	$870.00

SPECIAL FEES

Machine accounting	$10.00 per semester
Botany, zoology, comparative anatomy, bacteriology, embryology and histology	15.00 per semester
Metallurgy	10.00 per semester
Physical chemistry	20.00 per semester
Freshman chemistry	20.00 per semester
Chemistry, not mentioned above	15.00 per semester
All typing courses	5.00 per semester
Experimental physics	10.00 per semester
Statistics	3.00 per semester
Experimental psychology	5.00 per semester
Developmental and remedial reading II	10.00 per semester
Auditing a course	10.00 per semester hour
Observation and student teaching	2.50 per credit hour
Sophomore Graduate Record Examination	2.50
Senior Graduate Record Examinations	5.00
Transcript of record	1.00 each
Graduation fee, first semester of senior year	15.00

MUSIC FEES

TUITION for candidates for the degree of Bachelor of Science in Music Education includes one lesson per week in the field of concentration, one in a secondary field, and use of a practice room for two hours daily.

Tuition for candidates for the degree of Bachelor of Arts with a major in Applied Music includes two lessons per week per semester in the major field, and use of a practice room for two hours daily.

Lesson fees are not included in the tuition rate for candidates for the degree of Bachelor of Arts with a minor in music. These

*For students taking less than 14 or more than 18 credit hours, tuition is $25 per credit hour.

**Applicable to all students taking 12 or more credit hours.

must be arranged for separately, along with the use of practice rooms.

The fee for any lesson not specifically referred to above under tuition rates is $45 for one half-hour per week per semester.

RENTALS

Organ, one semester, 6 hours per week	$30.00
Piano, one semester, 6 hours per week	6.00
Orchestra or Band instrument, one semester	7.00

ADMISSION FEES

APPLICANTS for admission to Susquehanna University submit an Application for Admission form, requested from the Admissions office and returned to the same office when completed. A fee of $10 must accompany the Application for Admission. This fee, which partially liquidates the cost of processing, is non-refundable and non-applicable as a payment on the applicant's account.

The Director of Admissions will inform the applicant of the action of the Admissions Committee as soon as possible after receipt of application. An advance payment of $50 must be made to the Admissions office within 21 days from the date appearing on the letter of acceptance to the applicant. This payment completes enrollment, is credited to the student's first-semester account, and is not refundable.

It is essential that the student make the advance payment as specified above on time, otherwise he loses his place of sequence on the official registration list. Such displacement could mean exclusion from departments in which enrollment is limited. Placement will be determined by sequence in registration.

TERMS OF PAYMENT

ALL CHARGES for the semester are due at the time of registration. At least half of the bill must be paid on or before the date of registration if registration is to be completed. The balance for the first semester must be paid by November 1, for the second semester

by April 1. No student may take final examinations or receive grades for the semester until all charges for the semester are paid.

An extra charge of $5 will be added to all accounts showing unpaid balances as of November 1 and April 1.

To facilitate matriculation it is requested that a check in the amount of $400 for resident students and $250 for day (or non-resident) students be sent to the Bursar in advance of the arrival of the student. Checks should be made payable to Susquehanna University. No student is registered until all financial obligations have been satisfactorily settled with the Business Manager.

PAYMENTS BY VETERANS

THE AIM of the University is to serve its students whenever and however possible. To this end, veterans who are attending Susquehanna under the sponsorship of the U. S. Government are not required to pay their bills in full at the time of registration. This policy eliminates the need for veterans to borrow funds whose interest charges add to the cost of their education. To ease the load and assist the veteran, Susquehanna has devised the following program of partial payments in consideration of the dates on which the veteran normally receives monthly checks from the Federal Government.

FIRST SEMESTER

Resident Students	*Non-Resident Students*	
$500.00	$200.00	payment when registering each year.
$100.00	$ 80.00	payment to be made on each of the following dates: November 20, December 20, and January 20.

SECOND SEMESTER

Resident Students	*Non-Resident Students*	
$400.00	$175.00	Payment when registering each year.
$100.00	$ 75.00	payment to be made on each of the following dates: February 20, March 20, April 20, and May 20.

The sum received by the veteran on June 20 is retained by him.

A veteran's account not showing payments made as specified above by December 1 for the first semester and April 1 for the second semester will be charged an extra $5 each semester.

INSURANCE

IT HAS BEEN learned from experience that it is helpful for students to carry health and accident insurance. The University requires each enrolled student taking twelve or more semester hours to carry this insurance for the academic year. The premium rate is reasonable. Coverage is for $500 as outlined in a folder sent each student during the summer and indicating the premium for the year. This premium will appear on each semester's bill. The student may decide whether he desires the calendar year coverage. If so, he will pay the extra premium before departing at the close of the second semester.

Students who are members of varsity teams playing in intercollegiate games will have part of the premium reimbursed by the University for the percentage of time engaged in such sports during any semester.

TRANSCRIPTS AND GRADUATION

SATISFACTORY settlement of all bills and fees is required before graduation, and before semester grades or an honorable dismissal can be granted, or transcript of grades released. This includes obligations to the University, class publications, organizations, clubs, fraternities, and class assessments voted by a majority of a class in a regularly called meeting.

REFUNDS

NO FEES will be refunded at any time except:

In case of illness or absence entirely beyond the control of a student, requiring his withdrawal or absence from the campus for a period of time, board will be refunded beginning with the third week after his departure from the campus.

If a student returns at the beginning of a semester after recovery from an illness or after absence beyond his control, the credit balance of fees, exclusive of room and board, appearing on the University's books at the time of illness and departure from the campus, may be credited to his account.

Students dismissed for unsatisfactory work or for infringement of University regulations are allowed no refunds.

There will be no refunds for courses dropped two weeks after registration day.

If a student withdraws from the University under unusual circumstances, the following policy is in effect regarding refunds: No enrollment fees are refundable. A minimum of $100 is not refundable if the student has been on campus less than ten days. If the student has been on campus more than ten days, $10 per day up to thirty days is not refundable. If the student has been on campus for longer than thirty days, no charges are refundable.

10:

Academic Procedures

REGISTRATION

At the beginning of the college year each student will be given instructions concerning enrollment in classes and the payment of bills. A fee of $10 will be charged for any late registration. No student will be permitted to register later than one week after classes have begun.

Courses may be changed without charge during the first two weeks of the semester. Thereafter any course which is dropped *without* the permission of the Dean and the instructor will be recorded as a "WF" (withdrawn failure). The grade "WF" is counted toward the semester average the same as an "F". If the student has the necessary permission to withdraw from a course, the grade will then be recorded as a "W".

A grade of "I" (incomplete) may be given when circumstances beyond the control of the student, such as serious illness, have prevented him from doing the work which was assigned. *Mere inability to get work in on time does not constitute a reason for a grade of "I".* Incomplete grades must be completed within two months, or the grade will be permanently recorded as an "F".

GRADING SYSTEM AND QUALITY POINTS

A	Excellent	4 quality points per credit hour
B	Good	3 quality points per credit hour
C	Average	2 quality points per credit hour
D	Unsatisfactory	1 quality point per credit hour
F	Failure	0 quality points per credit hour

SCHOLARSHIP INDEX

THE SCHOLARSHIP INDEX is determined by dividing the total number of quality points earned by the total number of attempted credits.

A student must attain a scholarship index of 2.00 (a grade of "C") in order to graduate. All students whose scholarship index is less than 2.00 may participate in extra curricular activities only at the discretion of the Student Standing Committee.

DEAN'S LIST

FOLLOWING each semester examination period the names of students who have made a 3.40 average for the preceding semester will be announced by the Dean.

SCHOLASTIC REGULATIONS

A STUDENT who fails to maintain a scholarship index of 2.00 (a grade of "C") shall be placed on scholastic probation. A student may be dismissed by the Student Standing Committee if he has been on probation for two successive semesters. Freshmen will be placed on probation if they have a scholarship index of less than 1.90 at the end of the first semester and less than 2.00 at the end of the second semester.

The normal schedule of a student includes 16 to 18 credit hours each semester, depending upon his total course requirements. To carry more than this number, a student must have a scholarship index of 3.00 or better and must secure permission from the Dean.

The minimum load of a regular student is 14 credit hours and the maximum is 20 credit hours. Any student carrying fewer than 14 credit hours a week will be considered a special student.

MAJORS AND MINORS

AS EARLY as possible, and not later than the end of the sophomore year, each candidate for the degree of Bachelor of Arts must choose one major field in which he intends to concentrate, and one

e of Susquehanna's two new dormitories — to be ready for occupancy in September 1961.

fraternity house resident pares the day's assignment.

bert parlor is comfortable, ractive and homelike.

A student-directed chorus entertains at May Day festivities.

Two new fraternity houses are located on the west campus.

minor field. In most fields, 24 credit hours constitute a major and 18 credit hours constitute a minor. The program of major and minor fields shall be arranged by the student in consultation with the Registrar and the professor in his chosen major field.

Liberal Arts students may choose a major or minor from: biology, chemistry, economics, English literature, French, German, Greek, history, Latin, mathematics, music, philosophy, physics, psychology, sociology, Spanish.

Minors may also be chosen from theatre and English composition.

No major may be changed without the consent of the Dean and the department concerned.

Students in the Business Administration curriculum must choose a major field of specialization from the following at the end of the freshman year: accounting, economics, finance, merchandising.

Students majoring in the Business Education, Music Education, Medical Secretarial, and Office Secretarial programs follow sequences of required courses and do not take majors or minors. Students in the first two curricula may not do student teaching unless they have a "C" average in their field of specialization.

Students in Secondary Education must comply with the certification regulations in the state in which they plan to teach.

No "D" grade will be counted towards a major. If a student fails to earn a satisfactory grade in a course, the course must be repeated to earn major credit.

CLASSIFICATION OF STUDENTS

Freshmen will be given sophomore ranking upon the completion of 32 semester hours with 64 quality points. Sophomores will become juniors upon the completion of 64 semester hours with 128 quality points. Juniors will become seniors upon the completion of 98 semester hours with 196 quality points.

GRADUATION REQUIREMENTS

Susquehanna University offers curricula consisting of four years

of college work leading to the Bachelor of Arts or the Bachelor of Science degree. These curricula provide a broad, liberal background which serves as the proper foundation for any of the learned professions or for specialization in graduate study. The degrees are conferred only after a student has satisfactorily completed 132 semester hours with at least 264 quality points (scholarship index of 2.00).

If for any reason a student has carried more than this number of semester hours required for graduation, he must present quality points equal to twice the total number of semester hours he has carried in college. A student cannot graduate, regardless of the number of semester hours he has carried, unless he has also maintained an average grade of "C," or scholarship index of 2.00.

Each student will be responsible for keeping his own yearly record of the fulfillment of his graduation requirements, so that he may know at all times where he stands. Although the Registrar's office will keep the record also and advise the student concerning it, ultimate failure to meet any graduation requirement will be the student's responsibility.

TRANSCRIPTS

Upon graduation or upon withdrawal before graduation, a student is entitled to one transcript of his college credits. Additional copies of the transcript are made available at one dollar each.

MINIMUM RESIDENCE REQUIREMENTS

To be eligible for graduation, a student must complete the minimum residence requirement of no fewer than two years at Susquehanna. One of these two years must be the senior year, unless special action is taken by the faculty or a three-two program is involved.

REPORTS

Reports of students doing unsatisfactory or failing work are made to the office of the Dean of Students at intervals during the semester. Whenever a student does unsatisfactory or failing work, he will be asked to confer with the Dean or adviser and a notice

will be sent to the parent or guardian. Final reports of the work of each student are sent to the parent or guardian at the end of each semester.

ATTENDANCE REGULATIONS

Regular class attendance is required. However, there are times when students must be absent for reasons beyond their control. Therefore, each student is permitted the number of absences each semester equal to the number of credits for which the class is scheduled.

If a student must be absent beyond the allowed number of times, due to extended circumstances, his absences may be excused by the Dean of Students after communicating with the instructor.

Faculty members sponsoring athletic events, debates, field trips, or other student activities submit an alphabetical list of names of participating students, with the time of departure and return, to the Dean of Students at least three days prior to the activity. After giving approval, the Dean of Students places a duplicate copy of this list in the mail box of each faculty member.

A student participating in such activities is excused from classes and chapel. He is responsible for arranging in advance with his instructors to make up work that will be missed. If participation appears to be jeopardizing his chances of scholastic success, the instructor notifies the student, his coach or faculty adviser, and the Dean of Students.

The penalty for each excessive absence is one-third (⅓) extra credit hour and one-third (⅓) extra quality point added to the requirements for graduation. The office of the Dean of Students is responsible for the application of the penalty on the permanent academic record of the student.

Absence from tests which have been announced at least a week previously are counted as double absences. Absences from the classes preceding and following a vacation period by 24 hours are counted as double absences.

Three tardinesses from class during the semester are counted as one absence.

Dean's List students are subject to these regulations with the exception that all classes preceding and following a holiday period by 24 hours are excused. These students, however, must meet any announced examination schedule.

Each student is permitted five unexcused absences from chapel per semester. Unexcused chapel absences carry the same penalty as unexcused class absences.

REVIEW OF SOPHOMORE RECORDS

THE COMMITTEE on Student Standing reviews annually the two-year record of each sophomore. If this review shows that the student has had scholastic difficulty during his first two years and that there is grave doubt about his ability to finish successfully the last two years of college, the committee will recommend either a change of curriculum or withdrawal from the University.

GRADUATE RECORD EXAMINATIONS

IN ORDER TO PROVIDE a further measure of academic attainment in both general education and individual major subject areas, all students are required to take the Graduate Record Area Examinations during their sophomore and senior years. During the senior year each graduating student will take the Graduate Record Examination in his major field. This faculty action applies to all classes beginning with the Class of 1963.

SATURDAY CLASSES

THE UNIVERSITY operates on a schedule of five and one-half days per week. Monday through Friday, classes are scheduled from 8 a.m. to 6 p.m. Saturday classes are scheduled from 8 a.m. to 12 noon. Students, therefore, may expect to be scheduled for classes, laboratories, conferences, or private lessons at any time within these hours.

11:

Guidance

SUSQUEHANNA has always maintained a faculty large enough to give personal attention to each individual student. It has, therefore, been possible to provide close personal guidance and counseling.

Susquehanna's policy is to provide personal attention for those who need it. Students who are capable of directing their own college studies and activities successfully are given opportunity to do so. Students learn by doing, and for those who do well nothing is so retarding as unnecessary supervision.

The Deans give special attention to failing students by holding personal interviews with them and keeping their parents informed of the progress of each case. When it is considered necessary, the student is referred to the Guidance Center.

At the end of each semester the complete records of failing students are reviewed by faculty committees representing the main fields of study. At this review, reports from the faculty advisers are read and the strengths and weaknesses of the students are evaluated. For those students who seem capable of improvement, the committee prescribes programs of studies, regulates their extra-curricular activities, notifies the parents of the difficulties, and calls the attention of professors to these cases.

During the orientation program new students are given college aptitude and placement tests. An opportunity is given each student to confer with a member of the teaching staff to outline the work of the freshman year.

The Dean maintains a central file in which all the students' records from various sources are collected. These are used to aid the student in coming to an intelligent adiustment to college life.

Not later than the end of the sophomore year each candidate for the Bachelor of Arts degree is required to select some field in which he expects to concentrate his work. This is expressed in a major and a supporting minor. When the selection of a major has been made, the professor at the head of that department becomes the student's adviser and replaces the general adviser of the freshman and sophomore years. The major adviser guides the student's program of study for the remainder of his college course.

Candidates for degrees in Business Education and the Music Education curricula are not required to choose major and minor fields for specialization but follow the curricula prescribed for their professional training under advisers appointed from these departments.

A candidate for the degree in Business Administration chooses his major field at the end of the freshman year, but he is not required to choose a minor.

Vocational planning is furthered by:

1. Encouraging the student to secure accurate information about the vocation in which he is interested.

2. Giving vocational interest tests to students who believe they possess special interests or abilities, or to those who are undecided.

3. Maintaining a series of references in the library where students may become acquainted with the literature concerning the various professions.

4. Informing students who plan to enter the professions or pursue further study on such matters as schools, admissions, costs, scholarships, and courses. Faculty advisers have been designated for this purpose.

5. Arranging interviews, for seniors seeking positions, with personnel officers of business firms, representatives of state and federal civil service, and public school administrators.

THE GUIDANCE CENTER

In addition to the large amount of counseling done by the administration and the faculty, the University maintains a Guidance Center under the supervision of a psychologist. Students may make appointments to obtain diagnostic testing and professional counseling with educational and vocational problems as well as problems of personal adjustment.

A variety of aptitude, interest and personal adjustment tests may be administered and the results discussed with the student in individual conferences with the psychologist. Such conferences are usually helpful in making educational and vocational plans and in meeting certain personal and social adjustment problems. Personal counseling is available to any student on any matter.

PLACEMENT OF GRADUATES

The University maintains a placement service for it graduates. Although, in accepting a candidate for placement the University cannot guarantee a position, it does make every effort to assist alumni and students completing their education to obtain positions. No fee is charged for this service, the only requirement being that the registrant must keep the office informed of his employment status.

12:
Career Preparation

A COLLEGE EDUCATION is intended to enrich the student's cultural life and to prepare him to earn his living in a worthy profession. In many professions a rich cultural foundation, or general education, is the basis for later professional specialization. Susquehanna's curricula offer a wide variety of vocational choices and seek to prepare students in the areas of liberal arts, business and science.

LIBERAL ARTS

BESIDES being the core of the curricula of Susquehanna University and aiming to give a broad education, the Liberal Arts program opens to the student a variety of fields after graduation. The University prepares students for graduate work in the humanities and in the social sciences. A student with an outstanding record and a major of 24 to 36 credit hours will have no problem securing admission to the various graduate schools. Similarly, students may wish to prepare for entrance to professional schools of law, journalism, library science, or social work. In all of these areas a broad, general education is a prerequisite. The student should be aware of the specific admission requirements of the graduate or professional school he desires to attend. Government service in various fields and industrial positions are also open to the Liberal Arts graduate.

Certain special areas beyond these for which Susquehanna's Liberal Arts curriculum prepares students are here noted.

MINISTRY

THEOLOGICAL SEMINARIES generally require a four-year college

course for entrance. The American Association of Theological Schools has stated that the college work of pre-theological students should result in acquaintance with the world of today, in the ability to use certain tools of educated man, and in a sense of achievement. The ministry needs men of broad culture. To this end, the student preparing to enter the seminary should lay emphasis on the Liberal Arts program in college rather than on the courses commonly known as pre-professional.

THE DIACONATE AND PARISH WORK

SUSQUEHANNA was the pioneer in working out the "three-two" cooperative plan with the Schools for Church Workers in Baltimore and Philadelphia. Under this arrangement young women who desire to enter the full-time service of the church as deaconesses or parish workers may receive the Bachelor of Arts degree by attending Susquehanna for three years and one of the Schools for Church Workers for two years.

The curriculum for the first three years follows the program for Liberal Arts with the exception of courses in religion, which will be taken at the Baltimore or Philadelphia school. Students interested in this program should contact the deans of the respective schools for specific information.

PUBLIC SCHOOL TEACHING

SUSQUEHANNA has an outstanding record in the education of successful teachers and administrators. Its graduates in large numbers are serving as district superintendents, county superintendents, and principals. Programs are offered in Secondary Education, Business Education, and Music Education. For further details see page 92.

MUSIC

SUSQUEHANNA has a fully-staffed Division of Music. The University offers a program in Music Education for public school teaching and one in Applied Music preparing students interested in solo work, musicology, or church music. Students who are interested in preparing for careers as church musicians are advised

that the curriculum leading to the degree of Bachelor of Arts with a major in applied music (in this case, either organ or voice) will provide the essential general musical background and the foundation for graduate specialization which such a career demands. The elective courses in literature and counterpoint, plus required work with the Chapel Choir, will provide an excellent and more than adequate foundation. For further information on the Music Education program see page 71, and on Applied Music see page 63.

SCIENCE AND MATHEMATICS

SUSQUEHANNA UNIVERSITY offers majors in chemistry, physics, biology, and mathematics. All of the science curricula seek to retain as much of a broad general education as possible while presenting the fundamental laws and principles and their practical and industrial applications. The student thus has opportunity to develop strong scientific foundation for industrial work, teaching, and further professional study in medicine, dentistry, optometry and allied fields, and for graduate work. Good students will find ready acceptance to the professional schools in these areas.

Students planning to go on to medical school are advised to major in chemistry and biology and to take at least 6 hours in mathematics and general physics.

In addition, after graduation students are prepared to pursue further study toward careers in optometry, physical therapy, laboratory technology, and veterinary medicine. They should consult catalogs of the professional schools of their choice well in advance of graduation.

ENGINEERING

SUSQUEHANNA has a cooperative arrangement with the University of Pennsylvania whereby a student may take three years of pre-engineering at Susquehanna and, on the recommendation of his faculty adviser, will be accepted for two years of engineering at the University of Pennsylvania. At the end of the five-year course he will receive two degrees, the Bachelor of Arts from Susquehanna and the Bachelor of Science in his branch of engineering from the University of Pennsylvania.

Under this plan, a student who meets the transfer requirements at the end of his three years at Susquehanna will transfer into the junior class of the University of Pennsylvania. There he will study chemical, civil, electrical, mechanical, or metallurgical engineering.

Students who are interested in entering this five-year course must make the necessary arrangements with the pre-engineering adviser when they register for the freshman year. Candidates in each branch of engineering will follow specific programs during their three years at Susquehanna.

BUSINESS ADMINISTRATION

SUSQUEHANNA UNIVERSITY offers specialized training for those young men and women who desire to enter business as a vocation. Preparation leading to the degree of Bachelor of Science in Business Administration is given in the fields of accounting, advertising, banking, insurance, personnel work, sales, statistics, and government service. All candidates for the degree must satisfy the requirements for one of the four major areas listed and also the requirements for graduation as described on page 64.

In the freshman and sophomore years all candidates will follow the schedule of courses as outlined on page 65.

Majors are offered in accounting, economics, finance, and merchandising. Business Administration students select their major field of concentration when registering for the sophomore year.

Additional courses must be taken to complete the requirements for graduation as outlined on page 64 for a total of 132 credit hours (66 in business subjects and 66 in general education courses). The student will select the necessary elective hours in consultation with his adviser.

Students who are interested in becoming certified public accountants should consult their faculty adviser for individual state requirements.

THE INTERNSHIP PROGRAM

A six-week accounting internship program has been developed at Susquehanna University through a working arrangement with

Price, Waterhouse and Company; Haskin and Sells; and Peat, Marwick & Mitchell in New York City; and Lybrand, Ross Bros. and Montgomery in Philadelphia. This internship serves as special training for selected candidates.

Eligibility for participation in the program is based on results accomplished in standardized tests.

SECRETARIAL SCIENCE

SUSQUEHANNA UNIVERSITY offers a four-year program in Business Education as well as four-year office secretarial and four-year medical secretarial programs. Details are outlined on pages 66-70. All students in these fields carry the same program during their first two years. Thereafter they specialize.

13:
Requirements for Degrees

BACHELOR OF ARTS

SUSQUEHANNA, a Liberal Arts college, seeks to give a rich cultural training to its students. During the first two years of college the student should lay broad foundations in the general cultural courses so that in his junior and senior years he may work on the more specialized programs required for the various professions.

The course requirements for the Bachelor of Arts degree, in semester hours, are as follows: English, 12 hours; one foreign language, 12 hours; laboratory science or mathematics, 12 hours; history of civilization, 6 hours; American history, 6 hours; Bible and religion, 8 hours; psychology, 6 hours; personal hygiene and physical education, 6 hours.* These required courses total 68 semester hours. In addition, the student will choose elective courses in his major and minor fields to bring the grand total required for graduation up to 132 semester hours.

The program of work for the first two years of Liberal Arts is described on the following pages.

* Pre-medical, pre-engineering, science, and mathematics majors omit history of civilization and take a minimum of three hours of general psychology.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
History of civilization	3	History of civilization	3
Bible	2	Bible	2
Personal hygiene	1	Personal hygiene	1
Physical education	1	Physical education	1
	16		16

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Christian faith	2	Christian ethics	2
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
General psychology	3	General psychology*	3
American history*	3	American history*	3
Physical education	1	Physical education	1
	18		18

In the junior and senior years the student will complete any general course requirements still outstanding and specialize in the major and minor fields of his choice.

Pre-theological students should follow the program outlined by the American Association of Theological Schools selecting courses to include the following: Religion, 8-12 hrs.; education (at least history of education) 4-6 hrs.; English (including public speaking and advanced composition) 12-16 hrs.; history (including ancient and medieval) 8-12 hrs.; language (at least one of the following: Latin, Greek, German) 12-16 hrs.; natural sciences (preferably a course in one of the physical and one of the biological sciences) 12-16 hrs.; philosophy (at least introduction to philosophy and courses in history of philosophy) 8-12 hrs.; psychology (at least general and educational) 4-6 hrs.; social sciences (at least two of

*Candidates for the teaching profession in Pennsylvania should take educational psychology and history of United States and Pennsylvania.

the following; economics, sociology, government, social psychology) 12-16 hrs. In addition, students must select a liberal arts major and meet all departmental requirements.

Pre-theological students who have not received credit for high school Latin shall, except under unusual circumstances as determined by the Dean, fulfill their language requirements with this language. Others are advised that seminaries prefer either Greek or German and they should plan to fulfill their requirement with one of these. The study of more than one of these languages is strongly recommended.

BACHELOR OF ARTS (Applied Music)

THE PROGRAM for the Bachelor of Arts candidate majoring in applied music is:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Music literature	3	Music literature	3
Bible	2	Bible	2
Applied music	2	Applied music	2
Eurythmics	1	Folk dancing	1
Personal hygiene	1	Personal hygiene	1
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Foreign language	3	Foreign language	3
Theory II	3	Theory II	3
History of civilization	3	History of civilization	3
History and music literature	3	History and music literature	3
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
General psychology	3	Conducting	3
Conducting	3	Theory and literature	3
Theory and literature	3	Applied music	2
Applied music	2	Christian ethics	2
Christian faith	2	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
American history	3	American history	3
Recital	4	Recital	4
Electives	4	Electives	4
	14		14

BACHELOR OF SCIENCE (Business Administration)

THE BACHELOR of Science degree is awarded to those who finish the course in Business Administration and complete one of the four fields of major concentration.

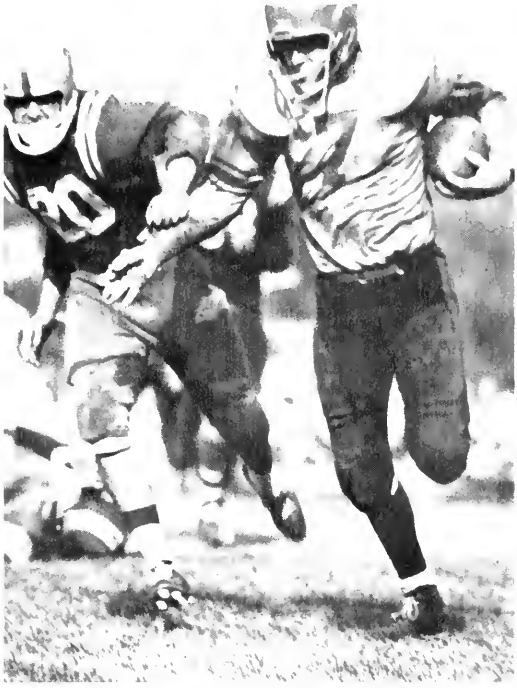
The general course requirements in Business Administration in terms of semester hours are English, 9 hours; American government, 6 hours; American history or sociology*, 6 hours; Bible and religion, 8 hours; general psychology, 3 hours; science or mathematics, 6 hours; personal hygiene and physical education, 6 hours.

The required general courses total 46 semester hours. In addition, 20 semester hours must be elected in the field of general education, and 66 semester hours are required in the fields of Business Administration and Economics. This makes a total of 132 semester hours, the number required for graduation.

The 66 hours which are required in Business Administration and Economics must include the following: principles of economics, 6 hours; economic geography, 3 hours; business mathematics, 3

*Students electing sociology must take Sociology 201 and 205.

Susquehanna University Marching Band supplies halftime entertainment specialties.



Susquehanna Crusader gets away–
ve or no sleeve.

ajestic trees line the campus road
ding to Alumni Gymnasium.

The Health Center houses complete facilities for students' health and medical c

An ailing ankle is taped in the Examining Room.

hours; or Mathematics of finance, 3 hours; business writing, 3 hours; accounting, 6 hours; business law, 6 hours; corporation finance, 3 hours; business management, 3 hours; and 33 additional hours elected from courses in the Division of Business. Typewriting credit toward this degree is limited to 4 semester hours. Credit in shorthand is limited to 6 semester hours.

Students planning to enter the fields of accounting, salesmanship, merchandising, finance, personnel administration, federal civil service, or other specialized fields of business, should arrange their electives in consultation with their advisers.

The program for the first two years of Business Administration is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Business mathematics	3	Economic geography	3
Science or mathematics	3	Science or mathematics	3
Elementary accounting	3	Elementary accounting	3
Business law	3	Business law	3
Personal hygiene	1	Personal hygiene	1
Physical education	1	Physical education	1
	17		17

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	Business writing	3
Bible	2	Bible	2
American history or sociology	3	American history or sociology	3
Economics 221	3	Economics 222	3
General psychology	3	Physical education	1
Physical education	1	Elective*	6
Elective*	3		
	18		18

In the junior and senior years, the student will complete any general course requirements still outstanding and will specialize in

*Intermediate accounting is required for majors in accounting.

one of the four fields of major concentration (accounting, merchandising, economics, finance) as outlined on page 77.

BACHELOR OF SCIENCE (Business Education)

THE BACHELOR of Science degree is awarded to those who complete the four-year course in Business Education. This curriculum permits its graduates to secure a college provisional certificate to teach the business subjects in Pennsylvania secondary schools.*

The general course requirements for this degree in terms of semester hours are English, 12 hours; Bible and religion, 8 hours; science, 6 hours; business mathematics or mathematics of finance, 3 hours; general psychology, 3 hours; American history, 6 hours; principles of economics, 6 hours; American government, 6 hours, personal hygiene and physical education, 6 hours.

These required courses total 53 semester hours. The remainder of the 132 semester hours required for graduation are taken in Business Education courses. See EDUCATION, page 92.

The program for Business Education is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Business mathematics or		Economic geography	3
Mathematics of finance	3	Science	3
Science	3	Intermediate shorthand	3
Elementary shorthand**	3	Intermediate typing	2
Elementary typing**	2	Personal hygiene	1
Personal hygiene	1	Bible	2
Bible	2		
	17		17

*Courses may be elected to help meet the requirements of other states, but because of the great differences between Pennsylvania requirements in Business Education and those of nearby states it is not possible to meet all of the out-of-state requirements in a four-year curriculum designed for Pennsylvania.

**Students who have completed the equivalent of these elementary courses in the high school will not register for typing and shorthand until the second semester, and will then be privileged to graduate with a minimum of 6 hours of typing and 9 hours of shorthand.

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Principles of economics	3	Principles of economics	3
General psychology	3	Business writing	3
Elementary accounting	3	Elementary accounting	3
Intermediate shorthand	3	Advanced shorthand	3
Intermediate typing	2	Advanced typing	2
Physical education	1	Physical education	1
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
History of U. S. and Pennsylvania	3	History of U. S. and Pennsylvania	3
Business law	3	Business law	3
Social foundation of education	3	Educational psychology	3
Intermediate accounting	3	Intermediate accounting	3
Office practice or business education methods	3	Salesmanship or business curriculum	3
Physical education	1	Physical education	1
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Advertising	3	Christian ethics	2
Christian faith	2	Student teaching	6
Office practice or business education methods	3	Business curriculum or salesmanship	3
Public speaking	3		
Electives	2		
	16		14

OFFICE SECRETARIAL

This program is open to students who are interested in preparing for executive and secretarial positions. They will receive the degree of Bachelor of Science. During the freshman and sophomore years, such students should follow the program for Business Education students, page 66.

For the junior and senior years, the following program is suggested:

JUNIOR YEAR

First Semester		*Second Semester*	
American history	3	American history	3
Business law	3	Business law	3
Machine accounting	3	Salesmanship	3
Advertising	3	Sociology	3
Office practice or public speaking	3	Physical education	1
Physical education	1	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Christian faith	2	Christian ethics	2
Public speaking or office practice	3	Sociology	3
Insurance	3	Electives	6
Electives	5		
	16		14

MEDICAL SECRETARIAL

This program is open to students desiring to become secretaries to physicians or to assume positions in hospitals, clinics, and laboratories. They will receive a degree of Bachelor of Science.

During the freshman and sophomore years, such students will follow the program for Business Education students listed on page 66.

For the junior and senior years, the following program is suggested:

JUNIOR YEAR

First Semester		*Second Semester*	
History	3	History	3
Medical aid or medical ethics	1-2	Medical office practice or medical terminology	1-2
Child development	3	Medical shorthand	3
Zoology	3	Zoology	3
Public speaking or office practice	3	Principles of sociology	3
Elective	2	Elective	2
Physical education	1	Physical education	1
	16-17		16-17

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Medical ethics or medical aid	1-2	Medical terminology or medical office practice	1-2
Christian faith	2	Christian ethics	2
Public speaking or office practice	3	Electives*	8
Electives*	5		
	14-15		14-15

*One of these electives should be in science.

BACHELOR OF SCIENCE IN MUSIC EDUCATION

THE DEGREE of Bachelor of Science in Music Education is awarded to those students who complete 132 semester hours in the music curriculum which has been approved by the State Council on Education for the preparation of teachers of Music Education in Pennsylvania.

The four-year program follows.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Introduction to music literature	3	Introduction to music literature	3
Bible	2	Bible	2
Eurythmics	1	Folk dancing	1
Personal hygiene	1	Personal hygiene	1
Applied music	2	Applied music	2
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
History of civilization	3	History of civilization	3
Theory II	3	Theory II	3
Music literature and history	3	Music literature and history	3
Christian faith	2	Christian ethics	2
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	17		17

JUNIOR YEAR

First Semester		*Second Semester*	
General psychology	3	Educational psychology	3
Social foundations of education	3	Theory and literature	3
Theory and literature	2	Conducting (instrumental)	3
Conducting (choral)	3	Methods (general instrumental)	3
Methods (general vocal)	3	Applied music	2
Applied music	2		
	16		14

SENIOR YEAR

First Semester		*Second Semester*	
Natural science	3	Natural science	3
Mathematics	3	Student teaching and conference	6
American & Pennsylvania history	3	Applied music	2
Applied music	2	Electives	5
Electives	5		
	16		16

A candidate for the degree of Bachelor of Science in Music Education may, upon completion of an additional year of one foreign language and an additional semester each of American history and mathematics, become eligible for the degree of Bachelor of Arts with full certification for teaching in the public schools of Pennsylvania.

14:

Courses of Study

SUSQUEHANNA OFFERS some 225 separate courses in 25 areas of study. The courses are arranged in five Academic Divisions and listed alphabetically by subject matter in the pages which follow.

THE ACADEMIC DIVISIONS

LANGUAGE AND LITERATURE (Dr. Barlow, *chairman*)
- English
- Classical Languages
- Modern Languages
- Art

NATURAL SCIENCES AND MATHEMATICS (Dr. Brown, *chairman*)
- Biology
- Chemistry
- Physics
- Mathematics

SOCIAL STUDIES (Mr. Lotz, *chairman*)
- Sociology and Anthropology
- Psychology
- History and Political Science
- Religion and Philosophy
- Education
- Physical Education

BUSINESS (Dr. Armstrong, *chairman*)
- Business Administration
- Business Education
- Economics
- Secretarial Subjects

MUSIC (Mr. Hatz, *chairman*)
Music Education
Applied Music

THE COURSES

COURSES with odd numbers normally are given in the first semester; those with even numbers, in the second semester. Courses numbered in the 100 series are open primarily to freshmen; in the 200 series, primarily to sophomores; in the 300 series, primarily to juniors; in the 400 series, primarily to seniors. Those in the 500 series are seminars.

All hyphenated courses must be taken for the full year. Students may not enter these in the second semester unless the first semester has been satisfactorily completed. In case of all other two-semester courses either may be taken although it is advisable for students to take the complete year.

ART

MRS. KARNIOL
MISS POTTEIGER
MR. TAMKE

103 Art Appreciation — Ancient and Medieval

A general survey of sculpture, painting and architecture in Ancient Egypt, Mesopotamia, Asia Minor, Greece, Italy, and Northern Europe. The most important factors that have influenced the arts, such as religious belief, social, economic, political factors, geography, and climate will be studied. The purpose of this course is to supply elementary equipment for critical appreciation and the development of artistic taste.

Two hours. Two credits.

104 Art Appreciation — Renaissance Through Modern Times

A survey course designed to introduce the student to the history of painting, sculpture, and allied arts from the Renaissance to the present. The various schools of painting in Italy are studied together with the works of the master artists of Holland, Belgium, Spain, France, Germany, England, and America down to the art of today. This course is designed to develop fundamental principles of critical judgment.

Two hours. Two credits.

111 Oil Painting I

A studio course introducing the fundamental skills and techniques for the planning and execution of art through the medium of oil painting. Applied work in drawing, color, composition, and painting.

Two hours. Two credits.

112 Oil Painting II

Development of the student's painting skills from conservative realism to more contemporary concepts, composition, and a personal interpretation of nature. Prerequisite: 111.

Two hours. Two credits.

222 Advertising Art and Layout

An introduction to design and production in the graphic arts. Applied studio problems in planning and making posters, brochures, and booklets, with particular attention to layout, typography, and the use of illustrations.

Two hours. Two credits.

BIOLOGY

Mr. DeMott
Dr. Anderson
Mr. Fulghum

A student majoring in Biology must take at least 24 hours including 101-102 and 111-112.

A student wishing to minor in Biology must present at least 18 hours including 101-102 and 111-112.

101-102 Botany

A study of structure and physiology in higher plants with a consideration of typical life histories of flowering plants, conifers, ferns, mosses, fungi, and algae.

Two hours lecture, three hours laboratory each semester. Six credits.

111-112 Zoology

A study of the anatomy, physiology, classification, ecology and economic importance of the invertebrate animals. The second part treats these same categories for vertebrate animals. The student is introduced to heredity, embryology, staining and evolutionary theory.

Two hours lecture, three hours laboratory each semester. Six credits.

201 Embryology

A comparative study of the normal development of the vertebrates. Prerequisite: 111-112.

Two hours lecture, six hours laboratory. Four credits.

202 Comparative Chordate Anatomy

A comparative study of chordate anatomy. Prerequisites: 111-112 and 201.

Two hours lecture, six hours laboratory. Four credits.

301 Microbiology

An introduction to the morphology, physiology, and taxonomy of microorganisms with emphasis upon the bacteria and related taxa. Basic bacteriological techniques are emphasized in the laboratory.

Three hours lecture, four hours laboratory. Four credits.

302 Heredity

An introduction to the study of genetics. Prerequisites: 111-112, 201 and 202.

Three hours. Three credits.

311 Physiology

An introduction to basic cellular physiology with a review of the functions of organ systems of the human body. Prerequisites: 111-112, Chemistry 101-102, 201, 202, Physics 101-102, Mathematics 101, and consent of instructor.

Three hours lecture, three hours laboratory. Four credits.

411 Histology

A study of the microscopic anatomy of the tissues and organs of mammals with a consideration of methods of preparing animal tissues for microscopic study. Prerequisites: 101-102 and 111-112.

Two hours lecture, six hours laboratory. Four credits.

420, 421 Problems in Biology

An introduction to methods and techniques involved in biological investigation. Individual students under the direction of a staff member are encouraged to work on problems in which they are especially interested. Admission with consent of major adviser.

A conference and three to nine hours laboratory weekly each semester. One to three credits each semester.

500 Seminar

An informal course for majors. A variety of biological topics will be discussed or assigned for special reports. Special interests of individual students will be considered. Admission with consent of the instructor.

Two hours. One credit.

BUSINESS ADMINISTRATION

Dr. Armstrong
Mr. Inners
Mr. Rule
Mr. Gilbert
Mr. Graybill
Mr. Betz
Mr. Cox

The following courses are required in the major fields.

Accounting: Business Administration 111-112 and 18 hours from among: Business Administration 211, 212, 311, 312, 411, 412, 431, and 432.

Economics: Economics 221-222, 421 and 15 hours from among: Economics 231, 311, 312, 341, 344, 361, 431, 441-442, and 452.

Finance: Economics 221-222 and 18 hours from among: Business Administration 232, 341, 351, 352, Economics 311, 421, and 431.

Merchandising: Business Administration 111-112 and 18 hours from among: Business Administration 222, 223, 241, 242, 362, 364, and Sociology 302.

In addition Business Administration 332 and 443 are required of all Business Administration students.

A Mathematics placement test will be given all Business Administration students during orientation week and the results will determine whether the student will take Business Mathematics or Mathematics of Finance.

101 Business Mathematics

The course reviews the fundamental operations of mathematics including selected topics from algebra, logarithms, exponents, and radicals. It presents percentage, discounts, simple and compound

interest, insurance, stocks and bonds, payroll taxes, and annuities. Stress is laid on the practical aspects of mathematics with which business is principally concerned.

Three hours. Three credits.

111-112 Elementary Accounting

An introductory course emphasizing basic accounting principles and their applications. Original entries, the technique and classification of accounts, adjusting and closing entries, work sheets, controlling accounts, depreciation and bad debts allowance accounts, the voucher system, and basic financial statements are presented. In the second part of the course attention is given to elementary accounting as applied to partnerships and corporations, departmental trading accounts, branch accounts, manufacturing accounts, and to the analysis and interpretation of simple financial statements. The Orientation Test and Achievement Test, Level I, of the American Institute of Accountants will be required.

Three hours recitation, two hours laboratory each semester. Six credits.

121-122 Business Law

A study of the law as it relates to business considering essential elements of a contract, agency, employer and employee, negotiable instruments, suretyship, insurance, bailments, carriers, sales, partnerships, corporations, deeds of conveyance, mortgages, landlord and tenant, wills, guardians, and rights in property which result from domestic relations. Some attention is given to torts, business crimes, and legal procedure.

Three hours each semester. Six credits.

211 Intermediate Accounting

Advanced corporation accounting, with emphasis on procedures in manufacturing accounting; accounting principles relating to cash, receivables, inventories, and current liabilities. Laboratory problems. Prerequisite: 111-112.

Three hours recitation, two hours laboratory. Three credits.

212 Intermediate Accounting

Accounting principles relating to the classification and valuation of tangible and intangible assets, and liabilities; accounting for investments; funds and reserves; statement analysis, and statement of application of funds. Accounting problems. Prerequisite: 211.

Three hours. Three credits.

222 Personnel Management

The course includes a study of the following: the development of personnel management, instruments of personnel control, education and training of the workers and the supervisory force, employee incentives, industrial democracy and social controls, and special problems in industrial relations.

Three hours. Three credits.

223 Insurance

This course deals with the economic and social values, the important principles and practices, and the principal legal phases of each of the common forms of insurance.

Three hours. Three credits.

229 Business Writing

A course in writing correct and effective business letters, reports, articles, and other forms of business communications. Prerequisite: English 101-102.

Three hours. Three credits.

232 Mathematics of Finance

Presents the underlying theory of investments. Emphasis is placed on interest, annuities, stocks and bonds, depreciation and capitalization. Auxiliary topics include basic algebra, logarithms, statistics and probability.

Three hours. Three credits.

241 Advertising

A study of the functions, forms, principles, and applications of advertising. It includes copy writing, layouts, and other factors in the preparation of advertisements; advertising media, advertising research, the economic significance of advertising, and related topics.

Three hours. Three credits.

242 Salesmanship

Principles and problems of salesmanship. A study is made of such subjects as the selling process, character and personality as related to salesmanship, and principles, methods, and concrete problems.

Three hours. Three credits.

311 Cost Accounting

Accumulation and analysis of cost data and their uses; control of material, labor, and manufacturing expense, including job order and process costs. Prerequisites: 211, 212. Alternates with 411. Not offered 1961-62.

Three hours. Three credits.

312 Standard Costs, Budgeting and Control

An integrated and comprehensive treatment of standard costs and budgeting. Study of controllership as a distinct business procedure, with emphasis on the function, control of operations, accounting reports, and administration of the controller's department. Alternates with 412. Not offered 1961-62.

Three hours. Three credits.

321 Machine Accounting

A course in the basic operating technique of office machines and their application to accounting procedures. Particular attention is given to adding and calculating machines, class exercises and laboratory work. This course will be limited to accounting and merchandising majors, Business Education and Secretarial students.

Two hours recitation, two hours laboratory. Three credits.

332 Corporation Finance

The course will consider the various principles of financing business organizations. Topics will include the various types of capital, the basis of capitalization, various types of securities, the underwriting syndicate, distribution of surplus, receivership, and reorganization. Closed to seniors.

Three hours. Three credits.

341 Investments

A study of stocks, bonds, real estate, investment trusts, mortgages, and annuities as related to investments. It includes a consideration of objectives, institutions, sources of information, media, analysis of risks, returns, and other subjects.

Three hours. Three credits.

351 Advanced Business Law

Intended primarily for those who plan to enter the field of accounting. Includes a general review of contracts, corporations, and

forming opportunities are numerous, from Shakespeare to student musicals.

le Science Hall and Bogar Theatre, as viewed from the south.

A "most valuable defensiv player" is rewarded fo achievement. Susquehanna fields seven intercollegiat teams for men and two fo women.

The Homecoming Queen is surrounded by her Cour

real property, and more intensive study in sales, negotiable instruments, security devices, and bankruptcy. Considerable attention is also given to regulation of specific sectors of the American economy by government administrative agencies.

Three hours. Three credits.

352 Real Estate Principles and Practices

Real estate principles and practices as they affect the property owner, the real estate broker, and the business man with consideration of the economic, financial, legal, and social aspects of the real estate field.

Three hours. Three credits.

362 Marketing

A study of the principles and practices involved in moving goods from the producers to the consumers. The case method of instruction will be used. Alternates with 364. Not offered 1961-62.

Three hours. Three credits.

364 Retail Merchandising

A presentation of the principles and practices dealing with the development, organization, operation, and merchandising techniques of retail business. The case method of instruction will be used. Alternates with 362.

Three hours. Three credits.

411 Advanced Accounting

Accounting theory and problems in relationship to partnerships, branch accounting, and corporation consolidations. Prerequisites: 211, 212. Alternates with 311.

Three hours. Three credits.

412 Problems in Advanced Accounting

Problems involving installment sales, consignments, receiverships, and taxation of corporations in Pennsylvania. Problems in taxation will be concerned principally with the Pennsylvania Corporate Net Income Tax. Open to juniors and seniors only. Alternates with 312.

Three hours. Three credits.

421 Business Statistical Methods

Methods of accumulating, presenting, and analyzing numerical data. Measures of central tendency and variability, proba-

bility, time series, types of business fluctuations, and measures of correlation will be examined.
Three hours. Three credits.

431 Auditing

Duties and responsibilities of an auditor, kinds of audits, audit practice, procedure, and reports. Practical problems and preparation of working papers. Prerequisites: 211, 212. Open to seniors only.
Three hours. Three credits.

432 Federal Tax Accounting

A study of the Federal Income Tax Law and Regulations covering taxable income of individuals and corporations. A brief study is also made of social security taxes. Practical problems and preparation of returns. Course begins upon return of accounting internees. Prerequisites: 211, 212.
Five hours. Three credits.

443 Business Management

A study of scientific business management. It includes a consideration of the basic processes of administration such as planning, organizing, directing, and controlling business activities. Open to seniors only.
Three hours. Three credits.

502 Accounting Internship

Selected senior accounting majors work under the supervision of an accounting firm for six weeks, beginning immediately after completion of first semester examinations. Open to seniors only. Prerequisites: 211, 212, 431.
Six weeks. Two credits.

504 Seminar in Accounting

This course covers report writing and financial statement analysis with emphasis on advanced auditing including internal auditing and related problems. The student is expected to do considerable research in the literature of accounting. Course begins upon the return of accounting internees. Prerequisites: 211, 212, 431.
Five hours. Three credits.

BUSINESS EDUCATION

Miss Beamenderfer
Miss Meckley

Detailed requirements for Business Education students are discussed on page 66.

101-102 Typewriting

Instruction and mastery of the keyboard and the mechanical features of the typewriter. Letter writing, tabulation, and the preparation of business papers are included.

Fours hours each semester. Four credits.

111-112 Gregg Shorthand

Instruction in the principles of shorthand with emphasis on both reading and writing. Dictation and transcription of practice letters.

Five hours each semester. Six credits.

201-202 Typewriting

Perfecting and making permanent the skill established in the first year. Speed and accuracy are emphasized. Practice in the writing of manuscripts, legal papers, stenciling, business letters, and papers are included. Prerequisite: 101-102.

Three hours each semester. Four credits.

211-212 Gregg Shorthand

Advanced work in shorthand. Includes dictation and transcription of business letters, technical matter, and radio addresses. Prerequisite: 101-102 and 111-112.

Three hours each semester. Six credits.

301 Medical Aid and Simple Nursing Techniques

This course is based on the American Red Cross First Aid Textbook. It is designed to aid the medical secretary in dealing with emergencies, and to provide a background of knowledge in sickroom procedure, mental and physical hygiene, and sanitation. Alternates with 313.

Two hours. One credit.

302 Medical Terminology

A study of the prefixes, suffixes, abbreviations, and definitions of medical terms. The student learns the vocabulary of medi-

cal, anatomical, pathological and scientific terms and studies the derivation and correct spelling and pronunciation of these terms. Alternates with 402.

Two hours. One credit.

311 Medical Shorthand

A study of technical medical terminology, prefixes and suffixes, phrases, and special outlines. Dictation and transcription of technical material. Not offered 1961-62.

Three hours. Three credits.

313 Medical Ethics and Office Procedure

Aims to provide an understanding of office and hospital ethics, the relation of the doctor and the patient, the various specialties in the field of medicine, and the business side of a doctor's office, dealing with such aspects as records, fees, accounts, the doctor and the law, and liability and insurance. This course is given for medical secretarial students. Alternates with 301. Not offered 1961-62.

Two hours. Two credits.

321 Business Education Methods

A critical study of objectives, psychological laws, underlying skills, organization of materials, tests, and standards of achievement. Special attention is given to the various methods of teaching shorthand, typewriting, and bookkeeping. The student is given practice in drawing up lesson plans and teaching. Prerequisites: 201-202 and 211-212. Alternates with 401.

Three hours. Three credits.

401 Office Practice

A general view of the function of the office in modern business and a systematic coverage of office routines. The uses and operating principles of various office machines are studied. Prerequisites: 201-202 and 211-212. Alternates with 321. Not offered 1961-62.

Three hours. Three credits.

402 Clinical Office Procedures

Deals with the practical aspect of the demands on a medical secretary. Includes the use of office equipment; sterilization, care and preparation of instruments. The student learns the use of the clinical thermometer, sphygmomanometer; and other simple techniques, such as chemical urine analysis, and preparation for examination and minor operations. Alternates with 302. Not offered 1961.62.

Two hours. Two credits.

414 The Business Curriculum

A comprehensive treatment of the business curriculum of the secondary school. The course will include such topics as the origin and development of the business curriculum, constructive criticisms of existing curricula, cardinal principles of business education, the curriculum and local conditions, and the construction of curricula. Lectures, reference assignments, and reports.

Three hours. Three credits.

CHEMISTRY

Dr. Brown
Dr. Houtz

A student majoring in Chemistry must take 24 hours including 101-102, 201, 202 and 301-302. Those wishing to do graduate work in chemistry should consult the adviser concerning additional requirements.

A student who selects a minor in Chemistry must take at least 18 hours.

101-102 General Chemistry

The study of the fundamental concepts and principles concerning the physical and chemical properties of the elements and inorganic compounds. The second semester is concerned with solutions, colloids, physical and chemical equilibria, elementary metallurgy, fuels and plastics.

Three hours lecture, three hours laboratory each semester. Eight credits.

201 Qualitative Analysis

The principles of analysis are studied by considering the reactions of common cations and anions. The law of mass action will be treated rather extensively. The determination of the composition of alloys and compounds is required.

Two hours lecture, four hours laboratory. Three credits.

202 Advanced Inorganic Chemistry

A more intensive development of the basic principles and laws of chemistry. Emphasis will be placed on the quantitative development by means of problems and exercises wherever possible.

Two hours lecture, four hours laboratory. Three credits.

301-302 Organic Chemistry

Consists of drill in the basic concepts of organic chemistry along with a study of the properties of the aliphatic hydrocarbons and their derivatives. It further deals with a similar study of the alicylic and aromatic compounds. Numerous problems are given to illustrate the several types of reactions and relationship of the various classes of compounds.

Three hours lecture, four hours laboratory each semester. Eight credits.

330 Physical Chemistry

A study of the fundamental principles and their applications of physical and chemical types of equilibrium.

Two hours recitation, four hours laboratory. Three credits.

401-402 Quantitative Analysis

The fundamental principles and important commercial type of analyses procedures are studied. In the laboratory commercial products are analyzed by volumetric-type methods. It further includes the new and the specialized type of analyses procedures. Gravimetric type of analyses are made on industrial products.

One hour recitation, six hours laboratory each semester. Four credits.

412 Biochemistry

An introductory study of the chemical processes involving living animal matter.

Two hours recitation, three hours laboratory. Three credits.

420 Metallurgy

A study of the fundamental principles and their applications of physical metallurgy of iron and steel. The laboratory concerns a study of physical and chemical types corrosion.

Two hours lecture, three hours laboratory. Three credits.

430 Industrial Chemistry and Technology

A study of the important chemical and engineering processes and products. Not offered 1961-62.

Two hours lecture. Two credits.

CLASSICAL LANGUAGES — DR. BARLOW

GREEK

Courses 101-102 and electives beyond 101-102 to make a total of 24 hours are required for a major.

Courses 101-102 and electives beyond 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Greek

Emphasis will be placed on the acquisition of a knowledge of the fundamental principles of Greek grammar and syntax. Easy selections from Greek literature illustrating the grammar and syntax studied.

Four hours each semester. Six credits.

201-202 Intermediate Greek

During the first semester, a study of selected portions of the *Anabasis* of Xenophon against its background in Greek history. During the second semester, a study of Plato's *Apology* and *Crito*. Special consideration is given to the study of the character of Greek thought and the men who taught Greek youth the meaning of "reasoned truth." Prerequisite: 101-102.

Three hours each semester. Six credits.

301 New Testament Greek

A reading course designed primarily for candidates for the ministry and religious workers. A linguistic and historical interpretation of the New Testament. Selections from the historical and didactic literature are used. Prerequisite: 201-202. Alternates with 401.

Three hours. Three credits.

302 Greek Drama

One play of Sophocles and one play of Aeschylus will be read with special attention to their literary merit and their metric and scenic antiquities. Alternates with 402.

Three hours. Three credits.

401 Greek Drama

One play of Euripides and a play of Aristophanes will be read with special attention to their literary merit and their metric and scenic antiquities. Prerequisite: 201-202 or equivalent. Alternates with 301. Not offered 1961-62.

Three hours. Three credits.

402 Epic Poetry

Selections from Homer will be examined with special attention to developing facility in reading. The Greek *epos* is considered as an expression of the thought and general conditions of early Greek life. Alternates with 302. Not offered 1961-62.

Three hours. Three credits.

LATIN

Courses in advance of 101-102 including 401 and 402 to complete a total of 24 hours are required for a major.

Courses in advance of 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Latin

A study of pronunciation, essential forms, and the principles of syntax. The aim of this course is to develop as quickly as possible an ability to read Latin in simple texts.

Four hours each semester. Six credits.

201-202 Intermediate Latin

Selected writings of Cicero with supplementary reading in English. Also included is Vergil's *Aeneid* including a study of the poem as a whole, its sources, poetical diction and its mythological background. Prerequisites: two years of high school Latin or 101-102.

Three hours each semester. Six credits.

301, 302 Ovid, Catullus and Vergil

Selected portions of the works of Ovid and Catullus and of Vergil's *Eclogues* and *Georgics*. Special attention will be given to the various types of poetry represented in the writings of these authors. Prerequisite: 201-202 or four years of high school Latin. Not offered 1961-62.

Three hours each semester. Three credits each semester.

311 Livy

Selections from Livy. Special attention will be given the study of early Roman history as it is revealed in the works of Livy. Pre-

requisite: 201-202 or four years of high school Latin. Not offered 1961-62.
Three hours. Three credits.

312 Roman Drama

One play each of Plautus, Terence and Seneca will be read. These will be studied with special attention to their literary merit and their influence on later drama. Prerequisite: 201-202 or four years of high school Latin. Not offered 1961-62.
Three hours. Three credits.

321 Horace

Selections from Horace's *Odes, Epodes, Satires,* and *Epistles.* A study of Horace as a satirist, philosopher, lyric poet, and literary critic by a representative study of his works. Prerequisite: 201-202 or four years of high school Latin.
Three hours. Three credits.

322 Lucretius

Selections from Lucretius' *On the Nature of Things.* A study of Lucretius' philosophical ideas and also of other ancient philosophical systems. Prerequisite: 201-202 or four years of high school Latin.
Three hours. Three credits.

401 Tacitus

Selections from Tacitus' historical works. Special attention will be given to a study of the history of the early empire as it is revealed in the historical works of Tacitus. Prerequisite: at least 6 credits from 301, 302, 312, 321, 322.
Three hours. Three credits.

402 Latin Prose Composition

A review of forms and of principles of syntax, drill in writing Latin, and a study of Latin style and idioms. Prerequisite: at least 6 credits from 301, 302, 311, 312, 321, 322.
Three hours. Three credits.

DRAWING

101 Engineering Drawing

Freehand lettering, use of instruments, geometric construction, freehand sketching, orthographic projection including auxiliary views, sectioning, axonometric projection.
Six hours. Two credits.

102 Descriptive Geometry

Principles of projection including problems involving the relations of points, lines, planes, and other surfaces; ruled surfaces, surfaces of revolution, intersections, developments, sectors, perspective.
Six hours. Two credits.

ECONOMICS

DR. FUTHEY
DR. ARMSTRONG

Economics 221-222, 421 and 15 hours from among Economics 231, 311, 312, 341, 344, 361, 431, 441-442 and 452 are required for a major.

Economics 221-222, 421 and 9 hours from among Economics 231, 311, 312, 341, 344, 361, 431, 441-442 and 452 are required for a minor.

112 Economic Geography

A study of the regional distribution of the world's population, resources, and industries with emphasis on points of special value to students of Business Administration.
Three hours. Three credits.

221-222 Principles of Economics

A study of the existing economic order and basic economic principles and problems. Deals with production, value and price, exchange, distribution, consumption and saving, and income and expenditures of government with reference to goods and services. This course is a prerequisite for all advanced courses in Economics.
Three hours each semester. Six credits.

231 Labor Problems

This is a study of labor problems from the viewpoint of the employee, the employer, and the public. Recent laws relating to social insurance, pensions, wages, and child and woman labor will be considered. Special consideration will be given to labor organizations and their activities.
Three hours. Three credits.

242 Economic Geography of North America

Industries and resources of North America, their re-

gional distribution, their effect upon the standards of living in the United States, and their importance to the rest of the world.
Three hours. Three credits.

311 Money and Banking

A study of the nature, functions, principles, and problems of money, credit, and banking. Special attention will be given to price levels, industrial depressions, international exchange, and government regulation of money and banking.
Three hours. Three credits.

312 National Income Money Flows

A study of the flow of national income and money in the economy through a detailed examination of the national income account.
Three hours. Three credits.

332 Corporation Finance

See Business Administration 332.
Three hours. Three credits.

341 Investments

See Business Administration 341.
Three hours. Three credits.

344 Public Finance

The study of public expenditures and revenues, principles of taxation, government enterprises, public budgets, and fiscal policy.
Three hours. Three credits.

361 Economic History of the United States

See History 361.
Three hours. Three credits.

421 Business Statistical Methods

See Business Administration 421.
Three hours. Three credits.

431 International Trade and Policy

A study of the basic theory and major institutions of international economic relations. Examines critically the technique and background of protectionism and free trade, foreign trade promotion, monetary and exchange policy, and international economic organization and cooperation. Includes the balance of payments, foreign exchange, and international banking.

Three hours. Three credits.

441-442 History of Economic Thought

The development of economic concepts and schools of economic thought from earliest times to date.

Three hours each semester. Six credits.

452 Comparative Economic Systems

A comparative study of present economic, political, and social doctrines of the free enterprise system, socialism, communism, and fascism.

Three hours. Three credits.

EDUCATION

MR. BASTRESS
DR. BREDLAND

The requirements for certification to teach in the secondary schools are as follows:

PENNSYLVANIA

I. Basic Requirements

The provisional college certificate is issued to an applicant who has completed an approved teacher education curriculum and has been granted a baccalaureate degree in an accredited college or university.

II. General Education Requirements

A. A minimum of sixty (60) semester hours of acceptable courses in general education with not less than twelve (12) semester hours in the humanities and not less than six (6) semester hours in the social sciences and not less than six (6) semester hours in the natural sciences.

B. Courses taken under general education may be used toward certification in the individual's teaching field.

III. Professional Education Requirements

A. A minimum of eighteen (18) semester hours of approved professional education courses distributed as follows:

social foundations of education
educational psychology and human growth and development
curriculum, materials and methods of instruction
not less than six (6) of the eighteen (18) semester hours must be in student teaching and actual practicum in the areas of methods and materials of instruction and curriculum. Student teaching shall relate to the subject matter specialization field or fields.

IV. Subject Matter Specialization Requirements

The minimum college semester hours required for certification of secondary school teachers in academic subjects is as follows:

1. Foreign language, history, history and government, mathematics, biology, chemistry, physics (24 semester hours).
2. English (36 semester hours)
   A certificate valid in English will also include reading when a minimum of six (6) semester hours has been completed in remedial and developmental reading.
3. General Science (24 semester hours)
   The completion of 24 semester hours in any two or all of the sciences will provide certification to teach general science in grades 7, 8, and 9.
4. Comprehensive Science Certificate (40 semester hours)
   This certificate is valid for teaching all the sciences and may be issued upon the completion of 40 semester hours with not less than 8 semester hours in each of the following: biology; chemistry and physics; and not less than 6 semester hours in earth sciences (astronomy, geology and meteorology); and not less than 3 semester hours in mathematics.
5. Social Studies (36 semester hours)
   This certificate requires a minimum of 36 semester hours distributed in the following areas: history, geography, government, economics, and sociology and/or anthropology.

6. For specialized curricula in Business Education and Music Education see pages 66 and 71.

Those who are planning to teach must declare their intention to the Registrar during the second semester of the sophomore year and meet the qualifications of the Committee on Teacher Education. One of the requirements necessary for approval by the Committee is that the student must have an average grade of "C" for the freshman and sophomore years. After being approved the teacher candidate must continue to maintain at least a "C" average during the junior and senior years or be dropped as a teacher candidate. Once a student has lost this approval he may re-apply when his quality point deficiency is corrected. Unless special permission is granted by the instructor, only students who have been approved by the Committee on Teacher Education may enroll in teacher education courses. Educational psychology, open to all students, is an exception.

No teacher candidate will be recommended for state certification if he has any grade below "C" in his teaching major.

The curriculum is set up to meet the requirements for teaching in the State of Pennsylvania. Those who wish to be certified in states other than Pennsylvania must notify the Registrar not later than the end of the sophomore year. Information concerning certification for other states may be obtained from the Department of Education. It is the responsibility of students planning to teach in states other than Pennsylvania to meet the various requirements.

201 Social Foundations of Education

This course is designed to show the social forces that influence education. Materials selected from the fields of sociology, anthropology, economics and political science that have an impact on education will constitute the major part of the course.

Three hours. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning, motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: Psychology 201.

Three hours. Three credits.

301 History of Education

A study of the historical development of education in America and Europe. The major emphasis will be placed upon the use of the historical method as an approach to the study of present day problems that face American education in a democratic society. A brief review will be made of the European educational scene.

Three hours. Three credits.

302 Techniques of High School Teaching

This course will cover the principles and practices that are identified with successful teaching in the secondary school. Students will teach demonstration lessons in their major field before the class. Special methods of teaching applied to the specialized field for which the student is preparing will be stressed. Required of all Liberal Arts juniors entering the teaching field.

Three hours. Three credits.

308 Tests and Measurements

See Psychology 308.

Three hours. Three credits.

311 Secondary Education

This course will analyze the basic principles and practices of the secondary school as they affect the student, the teacher, and the curriculum. Major attention will be given to the curriculum in the American secondary school and will also include a comparative study of European secondary education.

Three hours. Three credits.

321 Developmental and Remedial Reading I

The prevention and detection of reading disabilities, diagnosis and basic skills. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisites: Psychology 201, 211.

Three hours. Three credits.

322 Developmental and Remedial Reading II

The prevention and detection of reading disabilities and their correction. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisite: 321.

Two hours lecture, two hours laboratory. Three credits.

400 Student Teaching

This course requires observation and student teaching in nearby schools under the supervision of a public school teacher and a college supervisor. Students in this course are also required to attend a weekly conference throughout the year for discussion of teaching problems, school law and other reports. A laboratory fee is charged. Students in Liberal Arts, Music Education, and Business Education who plan to teach should plan slightly heavier schedules in their sophomore and junior years so that one semester in their senior year will require scheduling no more than 10 semester hours plus student teaching. Either the forenoon or the afternoon must be free from campus classes to do student teaching.

Six hours. Six credits.

404 Educational and Vocational Guidance

See Psychology 404.

Three hours. Three credits.

ENGLISH

Dr. Wilson
Dr. Rahter
Dr. Nary
Mr. McKenty
Mrs. McCune
Mr. Evans

For a major in literature the candidate must take 201, 202, 351, 352, 411, 412 and additional courses chosen from 311, 312, 321, 322, 331, 332, 341-342, 421, 422, 501, 502, 503, and 504 to make a total of 24 hours.

For a minor in literature the candidate must take 201, 202, 351, 352, 411, 412 and must choose from the same additional courses specified for the major in literature to make a total of 18 hours.

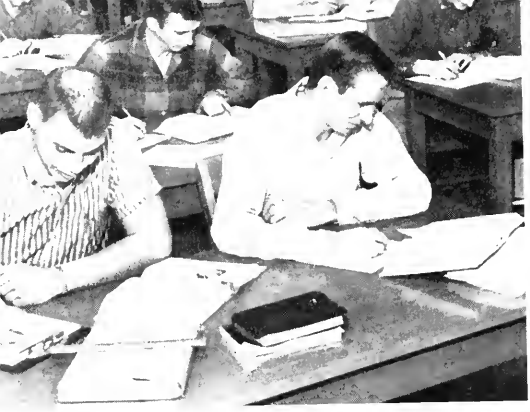
For a minor in composition the candidate must take 301-302, 401-402, 228, 211-212, and 341-342.

For a minor in theatre the candidate must take 221-222, 225-226, 228, 311, 312, 411, and 412.

State requirements in Pennsylvania for certification in the field of English are 36 credits. For a teaching major, the candidate must take 201, 202, 228, 341-342, 351, 352, 411, 412, and 9 additional credits in English.

A group of music students discusses a score.

Four new all-weather tennis courts adjoin University Field.



Classrooms are modern and well-equipped.

A student addresses the daily chapel service.

Biology classes use high-powered microscopes.

101-102 Composition

A year course in the three forms of discourse, stressing narrative and descriptive writing during the first semester with emphasis upon expository writing in the second semester. The course includes a brief review of grammar. The instruction aims to aid the student to express himself clearly and grammatically.

Three hours each semester. Six credits.

201, 202 Survey of English Literature and Language

The historical study of the development of English literature in its various forms and movements, combined with a study of the origin and structure of the English language, and its relationship to other languages. The first semester covers the period from 449 to the beginning of the Romantic Movement. The second semester covers the 19th and 20th centuries.

Three hours each semester. Three credits each semester.

211-212 Journalism

An introduction to newspaper work, with specific practice in reporting, editorial writing, feature article writing, make-up, and other activities connected with the weekly college newspaper, *The Crusader*. Credit given to sophomores, juniors, and seniors.

One hour each semester. Two credits.

221-222 Acting

An introduction to theories and techniques of acting. Students perform scenes from plays in class. Alternates with 225-226.

Two hours each semester. Four credits.

225-226 Directing

An introduction to theories and techniques for producing plays. Includes specific study in the areas of play selection, casting, rehearsals, costumes, scenery, make-up and lighting. Students direct scenes from plays. Prerequisite: 221-222, or by permission of the instructor. Alternates with 221-222. Not offered 1961-62.

Two hours each semester. Four credits.

228 Public Speaking

Fundamentals and practice in speaking to an audience. Emphasizes content and delivery.

Three hours. Three credits.

301, 302 Advanced Composition

During the first semester emphasis is placed upon expository writing with practice in various types of formal and informal essays culminating in the research paper. In the second semester, practice is centered upon imaginative writing in drama, fiction, and verse both for printed and radio use. The course is required for composition minors and pre-theological students. Open to others by permission of the instructor.

Three hours each semester. Three credits each semester.

311 English Drama Before 1900

The historical background, development, and technique of drama as a literary form excluding the works of Shakespeare.

Two hours. Two credits.

312 Modern English Drama

A reading course which is centered essentially upon British drama from 1890 to the present day, but also includes a few American and Continental plays of the same period in order to show historical trends. Emphasis is placed upon an aesthetic and critical approach.

Two hours. Two credits.

321 English Novel Before 1900

The historical background, development, and technique of the novel as a literary form, largely during the 18th and 19th centuries. Alternates with 331. Not offered 1961-62.

Two hours. Two credits.

322 Modern English Novel

The reading of a group of novels representative of phases of development in the British novel from Henry James to the present day including the American novel. Alternates with 332. Not offered 1961-62.

Two hours. Two credits.

331 Eighteenth Century Literature

A study of the literature dating from the Restoration to 1800, excluding the works of Wordsworth and Coleridge. Prose is stressed. Alternates with 321.

Two hours. Two credits.

332 Chaucer

A study of the works of Chaucer, with attention given to the language of Middle English. Alternates with 322.

Two hours. Two credits.

341, 342 The English Language

A study of modern American grammar and usage. In the first semester, emphasis is placed on the historical background of English, its sentence patterns, and its grammar. The work of the second semester comprises the reading and discussion of selected essays by contemporary linguists on the problems of grammar and usage. Written exercises are an integral part of the course. Alternates with 421, 422.

Two hours each semester. Four credits.

351, 352 American Literature

The historical study of the various forms and movements of our native writing. The first semester covers the colonial, revolutionary, and national periods up to 1890 and the beginnings of realism. The second semester deals with the Age of Realism and continues to the present.

Two hours each semester. Two credits each semester.

401, 402 Creative Writing

During each semester the student will select one form of writing in which he desires to develop proficiency, such as full-length or one-act plays, a series of short stories, a series of essays, poetry, or a novelette. The work will be carried on largely through individual consultation with the instructor. Prerequisite: 301, 302.

Two hours each semester. Two credits each semester.

411, 412 Shakespeare

During the first semester particular study is given to the plays before 1600, comprising principally the comedies and the histories of the first two periods of Shakespearean composition. The second semester emphasizes the plays after 1600: the great tragedies and bitter comedies of the third period as well as the tragicomedies of the last period of Shakespearean composition.

Two hours each semester. Two credits each semester.

421 English Poetry Before 1900

The historical background, development, and technique of poetry as a literary form including the ballad, the romance, the epic, sonnets, odes, descriptive lyrics, dramatic monologues, and society verse. Alternates with 341. Not offered 1961-62.

Two hours. Two credits.

422 Modern English Poetry

A reading course in modern British and American poetry, starting with the Age of Realism, with an aesthetic and critical approach. Alternates with 342. Not offered 1961-62.

Two hours. Two credits.

501 Seminar: Joseph Conrad

Selective reading from the four periods of the author's works, with attention to biography, style, narrative method, and theme. Use is made of student reports and discussions. Alternates with 503.

Two hours. Two credits.

502 Seminar: Charles Dickens

A course similar to 501 with attention to the social significance of the Dickensian canon. Alternates with 504.

Two hours. Two credits.

503 Seminar: Shakespeare

A course in the non-dramtic poetry of Shakespeare. A study is made of the sonnets and the long, narrative poems, with emphasis upon their autobiographical nature. Alternates with 501. Not offered 1961-62.

Two hours. Two credits.

504 Seminar: American Drama

A selective study of American plays and playwrights from the beginning to the present day. Emphasis is placed upon the most successful plays of the American stage. Alternates with 502. Not offered 1961-62.

Two hours. Two credits.

FRENCH

See Romance Languages

GERMAN

DR. GILBERT
MISS KEGLER

The student majoring in German must take 24 hours beyond 101-102.

The student minoring in German must take 18 hours beyond 101-102.

101-102 Elementary German

A course in the minimum essentials of grammar to make possible a good reading knowledge of the language, including practice in simple conversation. Reading of simple stories with attention to their folklore, history, and characteristic atmosphere.
Four hours each semester. Six credits.

201-202 Intermediate German

Modern Novellen, poetry, and other works of medium difficulty will be read. Every effort will be made to increase the student's active vocabulary by means of composition and conversation. The reading of works outside the classroom aids in increasing the understanding of printed German.
Three hours each semester. Six credits.

301, 302 German Drama of the 19th Century

Emphasis will be placed upon romanticism, realism, and naturalism, the characteristic literary attitudes of the period. The drama will be interpreted also as the outgrowth of the personality of such writers as Kleist, Grillparzer, Hebbel, Wagner and Hauptmann. Alternates with 311, 312.
Three hours each semester. Three credits each semester.

311, 312 The German Novelle of the 19th Century

The development of this form will be traced by the reading of important Novellen of each literary trend of the 19th century. Alternates with 301, 302. Not offered 1961-62.
Three hours each semester. Three credits each semester.

401, 402 German Literature of the 18th Century

Representative works of the period will be read to reveal the personality of such writers as Lessing, Goethe and Schiller, and to show the development of sentimentalism, storm and stress, classicism and romanticism. Alternates with 411-412.
Three hours each semester. Three credits each semester.

411-412 German Composition and Conversation

A course to give the student an excellent working knowledge of German grammar and to increase his ability to use the spoken and the written word. The work will be based largely on texts dealing with the common idiom and with German life, history and art. Alternates with 401, 402. Not offered 1961-62.
Three hours each semester. Six credits.

GREEK

See Classical Languages

HISTORY AND POLITICAL SCIENCE

DR. RUSS
DR. MAILLOUX
DR. SCHWARTZ
DR. REUNING
MR. ELKINGTON

A student majoring in History must present at least 24 semester hours exclusive of 101, 102. All students must present 6 hours of American History, 6 hours of European History, and Political Sciences 301-302. Students desiring to teach in Pennsylvania must take 201, 202 in lieu of 211, 212. No student may take both of these courses.

A minor in History requires 18 semester hours in the field exclusive of 101, 102. A student must include 6 hours of American History and 6 hours of European History.

Candidates for state certification for teaching must have at least 18 hours of History.

HISTORY

101, 102 History of Civilization

A study of major civilizations with emphasis on their contributions to our own. It is to be scheduled by all Liberal Arts freshmen except pre-medical, pre-engineering, science, and mathematics majors. Closed to juniors and seniors except by permission of the Dean.

Three hours each semester. Three credits each semster.

201, 202 History of the United States and Pennsylvania

A course in American history required by the State Council of Education for those who plan to teach in the public schools of Pennsylvania.

Three hours each semester. Three credits each semester.

211, 212 History of the United States

A narrative history which begins with the discovery of America and carries the story to the present. To be taken by those who do not plan to teach in the public schools of Pennsylvania.

Three hours each semester. Three credits each semester.

311, 312 The History of Europe 1500-1815

A survey of the history of Europe from the Renaissance to the defeat of Napoleon at Waterloo. The course will place stress on the history of the continental nations of Europe and cover such topics as the Renaissance, the Reformation, the Age of Louis XIV, the 18th Century, the French Revolution and Napoleon.

Three hours each semester. Three credits each semester.

313, 314 Europe 1815 to the Present

An analysis of the history of Europe from the fall of Napoleon to the end of World War II. The first part will deal with the period until 1914 while the second part will cover both World Wars and the intervening period. Not offered 1961-62.

Three hours each semester. Three credits each semester.

321 History of England

A political and social history of Great Britain from the Roman occupation to the present.

Three hours. Three credits.

323 Ancient History

A study of the social, economic, political and intellectual history of the Mediterranean world from earliest times to the decline of Rome.

Three hours. Three credits.

324 Medieval History

The social, political, economic, and ecclesiastical history of Western Europe from the decline of the Roman Empire to the end of the thirteenth century. Not offered 1961-62.

Three hours. Three credits.

325, 326 History of the Far East

A basic course in the major civilizations of East Asia, dealing with their geographic settings, historical development, society, government, economy, philosophy and religion. Not offered 1961-62.

Three hours each semester. Three credits each semester.

361 Economic History of the United States

A study of the history of manufacturing, agriculture, transportation, communication, banking, internal commerce, and related topics within the United States. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

401 The American Frontier

A study of the influence of the West upon American history in accordance with the Turner theory. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

411, 412 Russian History

A general survey of Russian history from the Kievan Period to 1933. Open to juniors and seniors.

Three hours each semester. Three credits each semester.

421, 422 Diplomatic History of the United States

A study of the foreign relations of the U.S. from the American Revolution to the present time. The first part will cover the period to 1914 while the second part will be a discussion of events from 1914 to the present day. Limited to juniors and seniors.

Three hours each semester. Three credits each semester.

POLITICAL SCIENCE

201-202 American Government

A study of federal government during the first semester; state and local government during the second semester.

Three hours each semester. Six credits.

301 International Relations

A study of the relations of nations: power, diplomacy, propaganda and political warfare, imperialism, war, balance of power, international law and organization, foreign policy. Not open to freshmen. Not offered 1961-62.

Three hours. Three credits.

352 Political Theory

An historical survey and analysis of ancient, medieval, and modern political thought, with special emphasis on the modern period. Open to juniors and seniors.

Three hours. Three credits.

403 American Political Parties and Pressure Groups

A discussion of the origin, development, and present status of political parties and pressure groups in the United States. Prerequisite: 201-202.

Three hours. Three credits.

413 **European Governments**

A comparative survey of the development of contemporary government in Great Britain, France, the U.S.S.R., East and West Germany. Open to juniors and seniors.
Three hours. Three credits.

MATHEMATICS

DR. ROBISON
MR. HINDMAN

101, 102, 201, 211-212 and six additional hours are required for a major. 101, 102, 201, and 211-212 are required for a minor.

101 **College Algebra**

An introduction to the study of elementary algebraic functions, the solution of equations, progressions, permutation combinations, probabilities and determinants.
Five hours. Three credits.

102 **Trigonometry**

The study of the trigonometric functions and logarithms with application to triangles.
Three hours. Three credits.

201 **Analytic Geometry**

A study is made of systems of coordinates and the relation between equations and loci. Prerequisites: 101, 102.
Four hours. Four credits.

211-212 **Calculus**

The concepts and fundamental formulae of differentiation and integration are studied and applied to problems involving maxima and minima, lengths, areas and volumes. Prerequisite: 201.
Four hours each semester. Eight credits.

301 **Introduction to the Theory of Algebraic Equations**

Complex numbers, numerical equations, solution of cubic and quartic equations, system of linear equations, and determinants are studied.
Three hours. Three credits.

311 Differential Equations

A study of the formation and geometrical meaning of differential equations and the standard methods of solution. Prerequisites: 201, 211-212.

Three hours. Three credits.

312 Matrices and Determinants

Study of arithmetic operations of matrices and determinants, with applications to algebra and geometry.

Three hours. Three credits.

401-402 Advanced Calculus

A study of the theoretical aspects of calculus, with particular emphasis on infinite processes and the concepts of limit and continuity. Prerequisites: 201, 211-212.

Three hours each semester. Six credits.

403 Partial Differential Equations

A study of the formation and solution of partial differential equations of the first and second order.

Three hours. Three credits.

404 Projective Geometry

This course is a synthetic treatment of the elements of projective geometry. Prerequisite: 201.

Three hours. Three credits.

405 Vector Analysis

A first course in vector analysis with application to geometry and physics. Prerequisites: 201, 211-212.

Three hours. Three credits.

407 Differential Geometry

Study of curves and surfaces in three-dimensional Euclidean space. Prerequisites: 201, 211-212.

Three hours. Three credits.

MUSIC

MR. BILLMAN
MR. HATZ
MRS. GIAUQUE
MRS. HATZ
MISS POTTEIGER
MR. MAGNUS
MRS. ALTERMAN
MR. DEIBLER
MR. STEFFY
MR. WEIKEL

Detailed requirements for Music students are discussed beginning on pages 63 and 71.

Students desiring a minor in music must take 111-112, 211-212, 311, 321 or 322, plus three hours of general music, and 2 years of private lessons.

101 Introduction to Music

An introduction to music aims to increase one's listening pleasure. The course will develop an appreciation and understanding of music through a glimpse at underlying elements essential to the art of music, considering factors of style and historical setting which identify the masterpiece and individuality which stamps the work as original. Not open to Music majors.

Three hours. Three credits.

103-104 Introduction to Music Literature

This course provides a general introduction to concepts of style, structure, and historical significance, with the musical experience always serving as the focal point of all study.

Three hours each semester. Six credits.

111-112 Theory I

A study of the materials of diatonic harmony and simple modulation with an emphasis on keyboard work and analysis. The materials include all diatonic triads and seventh chords and some of the simpler chromatic chords. Classroom work includes rhythmic, melodic, intervallic and harmonic dictation; sight-singing utilizing the solfege syllables and the conductor's beat; elementary keyboard harmony during the second semester with an emphasis on improvising simple accompaniments to a given melody and effecting modulations at the keyboard.

Five hours each semester. Six credits.

121 Eurythmics

This course aims to enrich and develop the student's musical experience by stimulating his bodily responses. He learns to interpret meter, rhythm, and phrasing.

Two hours. One credit.

122 Folk Dancing

Purpose of this course is to develop, through dancing the dances of different peoples and nations, a keener artistic and humanistic appreciation of their physical and emotional expression with a knowledge and understanding of their music. It also provides a teaching background in well-known and typical folk dances.

Two hours. One credit.

201-202 History and Music Literature

The significance and far-reaching importance of contributions, the general style of each period, and individual styles of composers are evaluated in the perspective of history. Masterpieces of our musical heritage are heard and related to the background discussion. Prerequisite: 101 or 103-104.

Three hours each semester. Six credits.

211-212 Theory II

A course in the more important chromatic devices employed by the 19th century romantic composers. Study is made of 18th century contrapuntal devices. Standard works of 18th century contrapuntal and 19th century harmonic literature are analyzed. Classroom work in advanced dictation, including melodic, rhythmic, harmonic and intervallic dictation and dictation in two simultaneous parts. Emphasis on sight-singing and rhythmic coordination. A continuation of keyboard improvisation using more difficult accompaniment patterns and chorale melodies. Prerequisite: 111-112.

Five hours each semester. Six credits.

301 Methods and Materials I

The work covered includes music material and classroom procedures suitable for the elementary, junior and senior high schools.

Three hours. Three credits.

302 Methods and Materials II

A study of the methods and problems involved in the instruction of instrumental music in the elementary, junior and senior high school.

Three hours. Three credits.

311-312 Theory III

The structural organization of music is examined in detail, with analysis of small and large forms drawn from standard literature of the 18th-20th centuries. Prerequiste: 211-212.

Two hours first semester, three hours second semester. Five credits.

321 Choral Conducting

This course emphasizes rehearsal techniques for accompanied and *a cappella* vocal ensembles. The music of various styles and periods is studied, and vocal problems encountered in the development of choral groups are discussed.

Three hours. Three credits.

322 Instrumental Conducting

Techniques and materials of conducting instrumental organizations are considered. Development of baton technique, score reading, orchestral playing, psychology of rehearsing ensembles of varied size and personnel, and literature adapted to public school work are emphasized.

Three hours. Three credits.

400 Student Teaching

See Education 400

Six hours. Six credits.

411-412 Counterpoint

A study of 18th century contrapuntal technique involving the evolution of melodic lines from a preconceived harmonic pattern. The species of contrapuntal technique and the Bach figured chorale are the bases of study. Included are canon, invertible counterpoint, the writing of two- and three-part inventions, and fugue writing. Analysis of illustrative material taken from the contrapuntal literature. Prerequisites: 111-112, 211-212.

Three hours each semester. Six credits.

421 Church Music

A survey course to meet the needs of those desiring to enter the field of church music. Emphasis will be placed on the historical development of the liturgy and its music, as well as on the application of liturgical principles to various types of worship services.

Two hours. Two credits.

431 Marching Band Charting and Pageantry

A course arranged to give the student a background in creating and preparing drills and football half-time shows. Both the musical literature available for the marching band and the charting of drills for the marching band will be emphasized.

Two hours. Two credits.

432 Orchestration

A technical course dealing in the effects and resources of intrumental combinations, balance of tone, mixed tone color, and clarity of texture for the orchestra and band. Special attention is given to the techniques of scoring for small ensembles, performers of varied abilities, and organizations of irregular instrumentation.

Three hours. Three credits.

434 Care and Repair of Instruments

Proper precautions in the care of all brass, string, and woodwind instruments are emphasized. This course enables the instrumentalist to diagnose quickly any mechanical defects and make on-the-spot adjustments and repairs.

One hour. One credit.

441-442 Ensemble

Chamber music from the vast field of literature will be studied and performed. Recordings are made of the individual groups.

One hour each semester. Two credits.

500 Literature Seminar

This is an informal course for majors in Applied Music, to be arranged by the staff to include a comprehensive survey of the important literature in the major field.

Two hours. Two credits.

APPLIED MUSIC

Candidates for the degree of Bachelor of Science in Music Education will choose a field of concentration in performance, and one one-half hour lesson weekly for one credit per semester is required in this field for four years. Lessons outside the field of concentration, whether taken to fulfill minimum required standards — as in the case of piano and voice — or for any other reason, will be taken for grade but not for credit.

Class lessons in the various band and orchestral instruments are required of all Music Education majors, with one credit per semester given for such work.

Candidates for the degree of Bachelor of Arts with a major in Applied Music will take two private lessons weekly in the major field, for two credits per semester for four years.

Candidates for the degree of Bachelor of Arts with a minor in Music may offer no more than a total of four credits in Applied Music toward the minor.

Piano

Acquisition of a sound technique is emphasized with the study of standard literature to fit the needs of the individual student.

Voice

A study of the fundamentals of tone production, including breath control and resonance, through the medium of such exercises and songs as fit the student's need.

Organ

Fundamental manual and pedal techniques will be emphasized. Organ literature of the baroque, romantic, modern French, German and American repertoire is selected. Registration by permission of the instructor.

Violin

The development of tone production in its relation to both left-hand and right-hand technique will be a basic part of the instruction. Pure and applied technique will be analyzed to determine the various methods of acquiring technical skill in order to build a well rounded repertoire.

Band and Orchestral Instruments

Development of good tonal quality, technical facility, and interpretation of the solo literature available for the particular instruments is stressed.

Instrumental Class

A basic knowledge of playing and teaching the instruments is emphasized to meet the needs for teaching in the public schools. Modern ensemble methods and materials are practiced in relation to procedures and problems of group instruction.

First Semester	*Second Semester*
Trumpet Class	Brass Class
Violin Class I	Violin Class II
String Class	Clarinet Class
Percussion Class	Woodwind Class

Music Workshop

The music workshop expands the student's musical horizon, and attendance of all Music students is required at the monthly meeting. Basic opportunities to perform in informal and masterclass situations help students to evaluate themselves objectively and to profit by constructive criticism. Faculty readings of basic works in the training of every musician are included. Musical events to which attendance is encouraged are previewed by informative talks. Demonstrations, panel discussions, and talks by music consultants are sponsored by the Susquehanna student chapter of the Pennsylvania Music Educators Association. All recitals, as well as supplementary programs and projects of the Music Division, are considered activities of the music workshop.

NATURAL SCIENCE

MR. FULGHUM

101 **Natural Science**

The course includes a study of the principles of biology.
Three hours. Three credits.

102 **Natural Science**

The course is an integrated study of the basic laws and theories from astronomy, physics, chemistry, and geology.
Three hours. Three credits.

PHILOSOPHY

See Religion and Philosophy

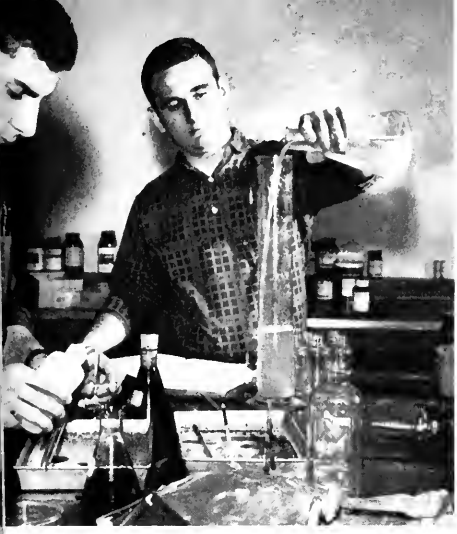
PHYSICAL EDUCATION AND HEALTH

MR. STAGG
MISS MCDOWELL
MISS COCHRAN
MR. GARRETT

COURSES FOR MEN

101M-102M **Personal Hygiene**

This course presents a wide range of materials concerning healthful living.
One hour each semester. Two credits.



ior science students prepare materials for study of microorganisms.

Biness students have regular practice on to-date office machines.

The Library's Periodical Room is a good place to keep up with current developments.

A Summer School sociology class finds relief from the heat aboard a houseboat on the Susquehanna River.

Carrels are convenient for private study.

Susquehanna's Chapel Choir prepares for a television appeara

111M, 112M Physical Education

The activities include calisthenics, football, touch football, golf, informal gymnastics, basketball, volleyball, indoor baseball, softball, track, baseball, tennis, and hiking.

Two hours each semester. One credit each semester.

121M, 122M Physical Education — Restricted Activities

These courses are planned in consultation with the student's physician to meet the needs of individuals who are unable to pursue the regular courses.

Two hours each semester. One credit each semester.

211M, 212M Physical Education

The plan and nature of the work is similar to 111M, 112M.

Two hours each semester. One credit each semester.

COURSES FOR WOMEN

103W-104W Personal Hygiene

This course presents a wide range of scientific and educational knowledge pertinent to healthful living. Information is presented through lectures, guided discussions, surveys and group health projects.

Two hours each semester. Two credits.

115W, 116W Physical Education

A basic course in the beginning techniques of individual and team sports. Beginning tennis, field hockey, volleyball, folk and square dancing, basketball, golf, soccer, badminton, and softball are offered.

Two hours each semester. One credit each semester.

201W, 202W Physical Education

A course designed in progression from beginning skills and techniques to the intermediate level with emphasis on individual and team sports. Intermediate tennis, volleyball, badminton, modern dance, basketball, archery, golf, softball, field hockey, soccer, and badminton are offered.

Two hours each semester. One credit each semester.

PHYSICS

MR. GROSSE

101-102 General Physics

Mechanics, heat, and sound – motion, work and energy, the nature of heat, and the production and propagation of sound. The second part is a study of magnetism, electrostatics, direct current circuits, electrical measurements, elementary alternating currents, the nature and physical properties of light. Prerequisite: Mathematics 101 and 102 or four years of high school Mathematics.

Three hours recitation, three hours laboratory each semester. Eight credits.

201 Optics

The wave theory of light developed on the basis of Huygens' principle. Interference. Fresnel and Fraunhofer diffraction. The diffraction grating. Polarized light and double refraction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

202 Electricity and Magnetism

Electrical units. Direct current circuit analysis. Electrical measurements. Magnetism and magnetic measurements. Electromagnetism and an introduction to electromagnetic induction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

301 Modern Physics

Electrical particles, atomic physics, spectra. X-rays, and related topics. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours. Four credits.

302 Modern Physics

Radioactivity, nuclear physics, and related topics. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours. Four credits.

303 Alternating Currents and Electronics

Alternating currents, circuit elements in the A.C. circuit, the vacuum tube and its parameters and applications. Prerequisites: 202 and Mathematics 212.

Three hours recitation, three hours laboratory. Four credits.

401 Mechanics

Motion of particles with an introduction to the motion of extended bodies. Discussion and application of the concepts of force, energy and momentum. Vectors and vector algebra are used throughout the course. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours. Four credits.

PSYCHOLOGY

Dr. Bredland
Mr. Bossart
Dr. Zimmer

A major in Psychology consists of 24 hours. A minor consists of 18 hours. 201 is prerequisite for all other Psychology courses.

The Psychology Department offers two majors, the general major and the pre-professional major. The general major is designed to meet objectives of a liberal education and the student may select any appropriate program of courses. The pre-professional major is arranged for students who ultimately plan to attend graduate school and to enter the field professionally. Pre-professional majors must select 203, 306, 308, 401 or 402, 405, 406 and 408. Supporting courses in the sciences (especially zoology), sociology and mathematics are recommended.

201 General Psychology

An introductory course designed to develop a scientific attitude toward psychological problems. The course will survey the topics of motivation, personality development, emotions, sensations, perception, learning, memory, thinking, communication, and personal adjustment. This course is prerequisite for all other courses in psychology.

Three hours. Three credits.

203 Elementary Statistics

A beginning course in the methods of analyzing, interpreting and presenting quantitative data. The course includes the study of the measures of central tendency, measures of variability, normal probability curve, product-moment and rank-order correlation, critical ratio and the "t" test of significant differences. Since this course is a prerequisite to some advanced psychology courses, students should elect this course as soon as possible.

Two hours recitation, two hours laboratory. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: 201.

Three hours. Three credits.

222 Personnel Management

See Business Administration 222.

Three hours. Three credits.

306 Abnormal Psychology

This course is a survey of the principal forms of mental and emotional disorders with emphasis upon their causes, symptoms, and course of treatment. It offers a way to study normal behavior by studying such behavior in distortion or in exaggeration.

Three hours. Three credits.

308 Tests and Measurements

Techniques of test construction, validation, reliability, item analysis, administration, scoring and interpretation of some of the standardized tests for educational, vocational, and personal diagnosis and prediction of human behavior. The course also considers the construction of essay and objective examinations. Prerequsite: 203. Alternates with 406.

Two hours recitation, two hours laboratory. Three credits.

316 Psychology of Adjustment

Principles of psychology are applied to problems that must be faced by parents, teachers, students, pastors, etc. Prerequsite: 201.

Three hours. Three credits.

401 Child Development

A study of the development of the child from infancy through the early teens. Motor, intellectual, emotional and social development will be considered, with special attention to the guidance of the child at home and at school.

Three hours. Three credits.

402 Psychology of Adolescence

A study of the physical, intellectual, emotional, and social development of the individual during the adolescent stage. Appli-

cations to problems of secondary education, home guidance, and recreation will be stressed.

Three hours. Three credits.

404 Educational and Vocational Guidance

A course designed to give the student an understanding of counseling theories, problems of educational, vocational and personal guidance and the counselor's use of tests and measurements. Open only to juniors and seniors. Prerequisite: 203.

Three hours. Three credits.

405 Social Psychology

See Sociology 405

Three hours. Three credits.

406 Experimental Psychology

An introduction to the methods and theory of psychological research. The logic of science and research technique is offered so that the student may design and conduct some standard and original experiments in the laboratory. Prerequisite: 203. Alternates with 308. Not offered 1961-62.

Two hours recitation, two hours laboratory. Three credits.

408 Psychological Theories

A systematic survey, evaluation and comparison of contemporary theories of human behavior. Reinforcement, field, psychoanalytic, factor, organismic, constitutional and other theories are considered. Open only to juniors and seniors.

Three hours. Three credits.

415 Physiological Psychology

Neurological and physiological mechanisms and their relationship to behavior. Original nature, memory, work, fatigue, sleep and learning.

Three hours, Three credits.

500 Senior Projects in Psychology

Individual study of a specific project in psychology selected by the student in consultation with and under the supervision of his major adviser. Open only to the qualified senior with the consent of his major adviser.

May be taken for two or three credits.

RELIGION AND PHILOSOPHY

Mr. Lotz
Dr. Reimherr
Mr. Leitzel

RELIGION

101 Old Testament

A survey of the history, literature and religion of the Hebrews. Special emphasis is placed upon the literary content of the Old Testament.

Two hours. Two credits.

102 New Testament

This course lays stress on the origin of the New Testament writings. Emphasis is placed upon their religious values in light of their historical setting.

Two hours. Two credits.

201 Christian Faith

A study of the relation between God and man in the light of Christian faith. An attempt is made to show the philosophical implications of Christian doctrine.

Two hours. Two credits.

202 Christian Ethics

This course begins with a study of historical ethical systems which are compared with the Christian faith. In the second part of the course the Christian characteristics of living are given special emphasis. Prerequisite: 201.

Two hours. Two credits.

301 The Apostolic Period

This course depicts the rise of Christianity in the first and second centuries within the historic structure of the Graeco-Roman world. Special emphasis is placed on the relevant New Testament writings as well as the Apostolic Fathers.

Three hours. Three credits.

302 The Teachings of Jesus

In the search for the solution of modern problems, the attention of the student is directed to the teachings of Jesus. Special

emphasis is placed upon the situation in Palestine in the first century as an aid in understanding these teachings.
Three hours. Three credits.

PHILOSOPHY

For a major in Philosophy the student must take 24 hours including 101. For a minor in Philosophy the student must take 18 hours including 101.

101 Introduction to Philosophy

This course offers an introduction to various fields of philosophy. Special emphasis is placed upon the philosophical alternative in the contemporary world.
Three hours. Three credits.

201 Logic and The Scientific Method

This course presents the guiding principles of correct thinking, the nature of the deductive and inductive processes as well as the bases of the scientific method.
Three hours. Three credits.

301 Ancient Philosophy

This course treats the beginnings of Western philosophy. It extends from Thales to Plotinus. Original sources are used throughout.
Three hours. Three credits.

302 Medieval Philosophy

This course covers the period from Augustine to William of Occam. Along with readings of original sources, the aim is to understand the medieval synthesis.
Three hours. Three credits.

303 Modern Philosophy

This course treats the development of philosophical thought from Descartes to Kant. Special emphasis is placed upon problems of epistemology.
Three hours. Three credits.

304 Contemporary Philosophy

This course begins with a study of the Hegelian philosophy and is carried down to contemporary times. The various movements

of present day philosophy are analyzed in detail.
Three hours. Three credits.

402 American Philosophy

This course aims to trace the development of American philosophical thought from the colonial period to the present. Emphasis will be placed upon the manner in which philosophy reflects the various trends in American life and thought.
Three hours. Three credits.

403 The Philosophy of Religion

This course offers a philosophical inquiry into religious problems such as the nature of God, the meaning of faith, and problems of religious epistemology.
Three hours. Three credits.

ROMANCE LANGUAGES

Miss Kline
Miss Kegler
Mr. Abbott
Miss Stoddard

Courses 405-406 and electives in advance of 101-102 to make a total of 24 hours are required for a major in either French or Spanish. Courses totaling 18 hours in advance of 101-102 are required for a minor. Students planning to teach should include 405-406.

Students choosing a French or Spanish major are urged to elect a minor in another foreign language. It is also recommended that they elect courses in history, art, philosophy, and other languages and literature.

FRENCH

101-102 Elementary French

A course in pronunciation, in the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple French.
Four hours each semester. Six credits.

201-202 Intermediate French

A careful review of grammar. Practice in speaking and writing French with emphasis on the reading of short stories and plays. Prerequisite: 101-102.

Three hours each semester. Six credits.

301, 302 French Literature of The 17th Century

A study of the origin and development of French classicism. The first part is devoted to readings in prose and poetry. The second part is a study of comedy and tragedy. Prerequisite: 201-202. Not offered 1961-62.

Three hours each semester. Three credits each semester.

401, 402 French Literature of The 19th Century

A study of Romanticism, Realism, Naturalism, Impressionism, and all the literary movements of the 19th century with readings of important writers of the period. Prerequisite: 201-202.

Three hours each semester. Three credits each semester.

405-406 Advanced Composition and Conversation

A course to enable the student to write and speak French as fluently as possible. Practice in pronunciation and drill in the use of common idioms and current grammatical usage. Prerequisite 201-202.

Three hours each semester. Six credits.

411-412 French Literature of the 20th Century

An introduction to the dramatists, novelists, and poets of the first half of this century. Not offered 1961-62.

Three hours. Three credits.

SPANISH

101-102 Elementary Spanish

A course in pronunciation, grammar, reading, writing and speaking simple Spanish. Some time is devoted to the introduction to Spanish civilization and culture.

Four hours each semester. Six credits.

201-202 Intermediate Spanish

A course in grammar, conversation and reading of Spanish and Spanish-American prose. Prerequisite: 101-102.

Three hours each semester. Six credits.

303-304 Spanish Theater of the 19th and 20th Centuries

Study of dramatic works from the neoclassicists to the present. Action, themes, characters, and staging of each work will be analyzed in relation to the spirit of the epoch or movement they represent. Prerequisite: 201-202.

Three hours each semester. Six credits.

305, 306 Spanish Golden Age Literature: Cervantes and the Drama

Study of the chief Spanish dramatists with readings of representative plays of this period. The life and thought of Cervantes with special emphasis on his *Quijote*. Prerequisite: 201-202. Not offered 1961-62.

Three hours each semester. Three credits each semester.

401-402 Spanish Prose and Poetry Since 1850

A critical study of literary movements since 1850 with emphasis on the Generation of 1898 and "Modernismo." Collateral reading, reports, and discussion. Prerequisite: 201-202.

Three hours each semester. Six credits.

403-404 Great Figures of Spanish-American Literature

Lectures, readings, and discussion of the works of Sor Juana Inés de la Cruz, Juan Ruiz de Alarcón, Garcilaso de la Vega, Bello, Heredia, Sarmiento, Martí, Darío, and others. Prerequisite: 201-202. Not offered 1961-62.

Three hours each semester. Six credits.

405-406 Advanced Composition and Conversation

Intensive study of grammar. Oral and written themes, letters, class conversation and ear-training are stressed. Not offered 1961-62.

Three hours each semester. Six credits.

SOCIOLOGY AND ANTHROPOLOGY Mr. Stevens Dr. Ofslager

Requirements for departmental major: 24 semester hours, exclusive of 201 which is the prerequisite for all courses in Sociology except Anthropology. Sociology 203, 311, and 410 are required of

all majors. Supporting courses to be elected with advice of major adviser.

Requirements for departmental minor: 18 semester hours, exclusive of 201 which is the prerequisite for all courses except those in Anthropology. Sociology 203 recommended.

201 Principles of Sociology

Methods and approaches of scientific analysis applied to contemporary cultures and societies; socialization, individual and group interaction, and the major social institutions; social organization; social change, and collective behavior.

Three hours. Three credits.

203 Elementary Statistics

See Psychology 203

Two hours lecture, two hours laboratory. Three credits.

205 General Anthropology

The development of mankind and his culture, and the influences of biological, social and cultural factors on human behavior. The origin and distribution of man, a survey of paleontology, human biology, world archeology, pre-history and languages, plus the origins of the social institutions.

Three hours. Three credits.

301 The City

A study of urbanism, the history, ecology, technological, personal, and demographic factors. Emphasis is placed on the social institutions and group and individual behavior peculiar to urban life; and metropolitan planning. Prerequisites: 201, 205. Not offered 1961-62.

Three hours. Three credits.

302 Industrial Sociology

The development of modern industry as a problem of social relationships; formal and informal industrial organizations; social classes and the industrial order; social controls of industry. Prerequisite: 201.

Three hours. Three credits.

303 Criminology

The nature and significance of crime; statistics of crime and criminals, historical development of criminological theory, modern explanations of crime, criminal laws and courts, police and prisons, crime

prevention. Prerequsite: 201.
Three hours. Three credits.

304 Marriage and The Family

Study of the structure and function of the family with emphasis on the contemporary American family; courtship, factors in successful marriage, changing status of the family group, family disorganization, modern theories of marriage with special emphasis on the Christian ideal of marriage. Prerequisites: 201, 205, or permission of the instructor. Open to juniors and seniors.
Three hours. Three credits.

309 The Development of Western Culture

The course aim is to offer the student a long range perspective of the inception, growth and development of Western Culture, from the Neolithic cultures through the Greeks and Romans. The emphasis is placed on the values and behavior patterns which constitute the core of Western tradition. Prerequisites: 201, 205. Not offered 1961-62.
Three hours. Three credits.

311 Social Theory

The main works of the major writers who have contributed to the development of social theory are reviewed, with an intensive study of specific writings of key theorists. Emphasis is also placed on the use of theory in empirical research. Required of all departmental majors, and strongly suggested for students planning graduate work in the social sciences. Prerequisite: 201.
Three hours. Three credits.

403 Minorities

The position of races and minorities in the United States; pattern of race relations, institutional and community aspects of race and minority relations, the effect of minority status on personality development. Prerequisite: 201. Not offered 1961-62.
Three hours. Three credits.

404 Introduction to Social Work

An introductory course covering the scope and function of the various fields of social work. The work of the classroom is supplemented by special lectures and seminars by officials of the various social agencies. Prerequisites: 201; Psychology 201.
Three hours. Three credits.

405 Social Psychology

A study of the interaction of individuals in their several group relations, the contacts of harmony, and conflict within groups as

well as between groups, group leadership and group controls, the phenomena of imitation and suggestion. Prerequisites: 201; Psychology 201.
Three hours. Three credits.

406 Culture and Personality

Culture as a socialization factor of personality. The study of the emotional aspects of human relations, the contributions of Freud, Horney, Fromm, Sullivan, Murray, Lewin, and others. Open to juniors and seniors. Prerequisite: 405. Not offered 1961-62.
Three hours. Three credits.

408 The American Indian

A comprehensive study of representative Indian cultures of North and South America. Emphasis will be on similarities and differences of various cultures, on the effects of environment and diffusion on the development of the institutions. The concept of ethnozoology as applied to the cultures will be examined. Prerequisite: 205. Not offered 1961-62.
Three hours. Three credits.

409 American Social and Cultural Heritage

Deals with American social and cultural heritage as a product of American life conditions. Concentration on the heterogeniety of the population, the peculiar American developments in the major social institutions, and the changing ideologies associated with them and American folkways, mores, beliefs and attitudes.
Three hours. Three credits.

401 Research Design

The systematic procedures of observation and measurement used by sociologists to obtain data about human groups and institutions. The nature and use of hypotheses, theories and laws within the general principles of research design; the techniques of observation, sampling, interviewing, data processing and analysis will be studied through research projects. Not a course in statistical methods. Permission of instructor required.
Three hours. Three credits.

500 Individual Study

Individual work for qualified students (approximately 3.00 average); supervised readings and writing in advanced fields of sociological study, such as: social theory, social organization, social institutions, anthropology. Prerequisites: 201, 205, and permission of instructor. Not offered 1961-62.
Three hours. Three credits.

15:

Directories for 1960-61

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B.A. 1911, D.D. 1928, Roanoke College; M.A. 1912, Princeton University; Diploma 1919, Lutheran Theological Seminary, Philadelphia; LL.D. 1940, Bucknell University.

John Irwin Woodruff — *Professor Emeritus of Philosophy*
Diploma 1888, Missionary Institute; B.A. 1890, M.A. 1893, Bucknell University; Litt.D. 1903, Wittenberg College; LL.D. 1921, Waynesburg College.

Augustus William Ahl — *Professor Emeritus of Greek*
Diploma 1908, Gymnasium and Seminary, Breklum, Germany; M.A. 1912, Susquehanna University; Ph.D. 1920, Vanderbilt University.

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Commencement is the climax of four years of college study.

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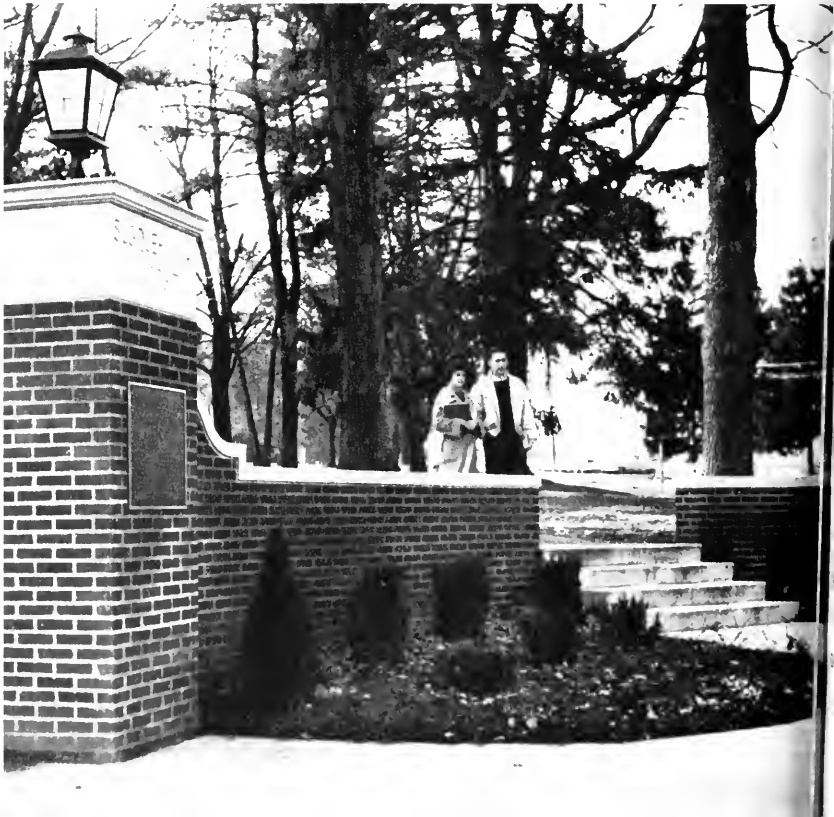

THE FACULTY

GUSTAVE W. WEBER — *President*
B.A. 1928, Wagner College; B.D. 1932, S.T.M. 1933, Lutheran Theological Seminary, Philadelphia; Th.D. 1937, Episcopal Divinity School, Philadelphia.

WILHELM REUNING — *Dean and Professor of History*
B.S. 1948, M.S. 1948, Ph.D. 1956, University of Pennsylvania.

PROFESSORS

ARTHUR HERMAN WILSON — *Professor of English*
B.A. 1927, M.A. 1929, Ph.D. 1931, University of Pennsylvania.

WILLIAM ADAM RUSS, JR. — *Professor of History*
B.A. 1924, Ohio Wesleyan University; M.A. 1926, University of Cincinnati; Ph.D. 1933, University of Chicago.

RUSSELL WIEDER GILBERT — *Professor of German*
B.A. 1927, Muhlenberg College; M.A. 1929, Ph.D. 1943, University of Pennsylvania.

AMOS ALONZO STAGG, JR. — *Professor of Physical Education and Health*
Ph.B. 1923, M.A. 1935, University of Chicago, M.A. 1941, Columbia University.

GEORGE MERRITT ROBISON — *Professor of Mathematics*
B.A. 1916, M.A. 1917, Ph.D. 1919, Cornell University.

ALBERT ARTHUR ZIMMER — *Professor of Education*
B.S. 1942, M.Ed. 1947, Pennsylvania State University; Ed.D. 1951, University of Pittsburgh.

JOHN JACOB HOUTZ — *Professor of Chemistry*
B.A. 1908, Susquehanna University; M.S. 1912, Louisiana State University; Sc.D. 1933, Carthage College.

THOMAS F. ARMSTRONG, JR. — *Professor of Business Administration*
B.S. 1928, Wesleyan University; M.B.A. 1930, Harvard University; Ed.D. 1947, Temple University.

ASSOCIATE PROFESSORS

FREDERIC CALVIN BILLMAN — *Associate Professor of Music*
B.Mus. 1936, Susquehanna University; M.A. 1941, Columbia University; Professional study, Juilliard School of Music.

FREDERICK CLEMENT STEVENS — *Associate Professor of Sociology*
B.A. 1926, University of Minnesota; M.A. 1932, Columbia University.

RUSSELL CONDRAN HATZ — *Associate Professor of Music*
B.S. 1937, Lebanon Valley College; M.A. 1942, Columbia University; Professional study, Juilliard School of Music.

BENJAMIN LOTZ — *Associate Professor of Religion and Philosophy*
B.A. 1923, Wittenberg College; B.D. 1928, Lutheran Theological Seminary, Philadelphia; M.A. 1954, University of Pennsylvania.

*HOWARD EPHRAIM DEMOTT — *Associate Professor of Biology*
B.S. 1935, Bloomsburg State College; M.S. 1940, Bucknell University.

FRANCIS W. BROWN — *Associate Professor of Chemistry*
B.S. 1924, Massachusetts Institute of Technology; M.S. 1928, Ph.D. 1934, Harvard University.

ATHALIA TABITHA KLINE — *Associate Professor of Romance Languages*
B.A. 1922, Randolph-Macon Woman's College; M.A. 1925, Duke University.

ALICE HOLMEN GIAUQUE — *Associate Professor of Music*
B.S. 1937; M.A. 1940, Columbia University.

JANE FOX BARLOW — *Associate Professor of Classical Languages*
B.A. 1947, Smith College; M.A. 1949, Ph.D. 1952, John Hopkins University.

CHARLES AUGUSTUS RAHTER — *Associate Professor of English*
B.A. 1949, Western Maryland College; M.A. 1951, Ph.D. 1958, University of Pennsylvania.

EINAR BREDLAND — *Associate Professor of Psychology*
B.S. 1946, The College of the City of New York; M.A. 1951, Ph.D. 1955, New York University.

ASSISTANT PROFESSORS

PHILIP CORYDON BOSSART — *Assistant Professor of Psychology*
B.S. 1947, M.S. 1949, University of Pittsburgh.

*LAMAR D. INNERS — *Assistant Professor of Accounting*
B.S. 1933, Millersville State College; M.Ed. 1952, Temple University.

KENNETH FRANK MAILLOUX — *Assistant Professor of History*
B.A. 1951, University of Massachusetts; M.A. 1953, Ph.D. 1957, Boston University.

JEAN S. BEAMENDERFER — *Assistant Professor of Business Education*
B.S. 1939, Susquehanna University; M.S. 1948, Bucknell University.

OTTO REIMHERR — *Assistant Professor of Philosophy and Religion*
B.S. 1937, The College of the City of New York; B.D. 1943, Lutheran Theological Seminary, Gettysburg; Ph.D. 1957, Columbia University.

ROBERT M. BASTRESS — *Assistant Professor of Education*
B.S. 1939, Susquehanna University; M.A. 1947, Bucknell University.

NANCY B. HATZ — *Assistant Professor of Music*
B.S. 1936, Lebanon Valley College; M.A. 1941, Columbia University.

MARY KATHRYN POTTEIGER — *Assistant Professor of Music*
B.Mus. 1925, Susquehanna University.

BRUCE LEROY NARY — *Assistant Professor of English*
B.S. 1947, Ithaca College; M.A. 1951, Ph.D. 1956, University of Michigan.

FRED A. GROSSE — *Assistant Professor of Physics*
B.S. 1955, Muhlenberg College; M.S. 1957, Lehigh University.

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* On Sabbatical Leave 1960-61.

ANDREW JOSEPH SCHWARTZ — *Assistant Professor of Political Science*
B.A. 1950, Linfield College; M.A. 1950, Ph.D. 1958, The Fletcher School of Law and Diplomacy, Tufts University; Fulbright Scholar, University of Helsinki.

WILLIAM DEWEY ANDERSON, JR. — *Assistant Professor of Biology*
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Wilson, Anne Elizabeth
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Wilson, Dana Flora Sunbury, Pa.
Zimmerman, Paul Philip, Jr.
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JUNIORS 1960-61

Anderson, Dorothy Mae
Cheltenham, Pa.
Arnold, Judith Elaine
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Behrens, Judith Kaye Tenafly, N. J.
Betkoski, Leonard Robert
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Blee, Judith Anne Beavertown, Pa.
Bouchard, Gay Lorraine
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Bowen, Charles Raymond
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Branthoffer, Betty Renee
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Breitwieser, Robert William
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Brenner, Robert Edward
Alloway, N. J.
Brndjar, Judith Amelia
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Brown, Alice Leona Yeadon, Pa.
Butler, Leslie Richard Pitman, N. J.
Clark, Philip Maize Glenside, Pa.
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Coates, Ned Stuart Bloomsburg, Pa.
Coccodrilli, Louella Louise
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Kunkle, Dorothy Martha Harrisburg, Pa.
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Leiby, Thomas Evan Pennsburg, Pa.
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Menko, Martha Jane Woodbridge, N. J.
Meyer, Marilyn Carol Livingston, N. J.
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Molin, William Hans, III Ambler, Pa.
Moll, Terry L. Shamokin, Pa.
Myers, Susan Jane Williamsport, Pa.
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Witmer, Eugene Howard
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Zimmerman, Nita Louise
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Bagenstose, Mary Sally
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Bagger, Elizabeth Hodges Hegins, Pa.
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Beers, Jane Elizabeth Allentown, Pa.
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New Bloomfield, Pa.
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Schlader, Ronnie Edward
Ashland, Pa.
Schnee, Ronald Paul Sunbury, Pa.
Schultz, Barbara Elizabeth
Atlanta, Ga.
Schuyler, Jane Katharine
Interlaken, N. J.
Sewell, Margaret Elaine
Cranford, N. J.
Shamory, Lee Allen Middleburg, Pa.
Shesler, Carol Lynne Norwalk, Conn.
Shirey, Samuel Rhine Lewistown, Pa.
Shirk, Walter Wintersteen
Pleasant Gap, Pa.
Sholley, Sandra Kay Lewisburg, Pa.
Shuker, William Kenneth, Jr.
Selinsgrove, Pa.
Siple, Ann Royer Duncannon, Pa.
Smith, David Alden York, Pa.
Smith, Eleanor Marie Sunbury, Pa.
Smith, Neil Raymond Dornsife, Pa.
Smith, Sara Miller Bethlehem, Pa.
Spillman, John Henry York, Pa.
Spotts, Douglas Elwood
New Britain, Pa.
Squires, Robert James
Harrisburg, Pa.
Stambaugh, Nancy Kay
Elliottsburg, Pa.

Stamps, Penelope Gifford Pleasantville, N. J.
Stephenson, Sally Lynne Maplewood, N. J.
Summer, Robert Jesse Delanco, N. J.
Taylor, Patricia Ann Altoona, Pa.
Telgheider, Ernest Henry Springfield, Pa.
Terry, Mary Pamela Lock Haven, Pa.
Thoman, Peggy Ann Glen Rock, Pa.
Trenery, Franklin George Clarks Green, Pa.
Treon, John Robert Sunbury, Pa.
Troutman, Sandra Marie Herndon, Pa.
Tuma, Judith Ann King of Prussia, Pa.
Tushinski, Robert John Glen Lyon, Pa.
Valunas, Madelyn Faye Selinsgrove, Pa.
VanZandt, James Douglas Pottstown, Pa.
Vekassy, Marilyn Elizabeth Pico Rivera, Calif.
Volinsky, Jean Carman Sunbury, Pa.
Vought, John M., Jr. Lewisburg, Pa.
Wagner, Lois Ann Philadelphia, Pa.
Ward, Harry Nathan Garrett, Pa.
Wassam, Linda Lavon Millerstown, Pa.
Weathered, Jeannie Theresa Niantic, Conn.
Weatherlow, Mary Virginia Lancaster, Pa.
Weaver, Naomi Agnes Catasauqua, Pa.
Werner, William Welch Haddonfield, N. J.
White, Janet Holland Norristown, Pa.
Whitney, Jeffrey Garrett Valley Stream, N. Y.
Wiest, Kenneth Lamar Pillow, Pa.
Williams, Samuel Roberts Mt. Carmel, Pa.
Woodruff, Dennis Paul Camp Hill, Pa.
Yaggi, Frank Nickisch Drexel Hill, Pa.
Yingling, Herbert Karl Burnham, Pa.
Zacharias, Judith Hanover, Pa.
Zampetti, Blase John Bayonne, N. J.
Zimmerman, Nancy J. Livingston, N. J.
Zimmerman, Roger Wilson Shamokin Dam, Pa.

FRESHMEN 1960-61

Adams, Nancy Lee Selinsgrove, Pa.
Aerni, Robert Calvin Easton, Pa.
Aichele, Carole Ann Oaklyn, N. J.
Aigars, Biruta M. Harrisburg, Pa.
Almond, Ruth Joanne Sunbury, Pa.
Ambrose, Alfred Anthony Altoona, Pa.
Amerman, George Franklin Sunbury, Pa.
Andel, William Adam Burlington, N. J.
Anderson, Evert Robert Plainfield, N. J.
Andes, William Oliver Danville, Pa.
Aurand, Donald William Selinsgrove, Pa.
Bachrach, Alan, Jr. Philadelphia, Pa.
Baily, William Marshall Kennett Square, Pa.
Barabas, Edward Michael North Bergen, N. J.
Barlett, Judith Ann Montgomery Pa.
Baskin, Sally Ann Selinsgrove, Pa.
Bechtel, Chester Maurice Northumberland, Pa.
Beiger, Peter New Hope, Pa.
Biedermann, Richard James Teaneck, N. J.
Billig, Joseph Stanley Milton, Pa.
Black, Roy Jack Mt. Union, Pa.
Bleuit, Frederick Storey Bluebell, Pa.

Bolig, Brian C. Flemington, N. J.
Bolig, Charles Alvin Selinsgrove, Pa.
Bollinger, Carol Ann Northumberland, Pa.
Bollinger, Judith Ann Swarthmore, Pa.
Bond, Karen Louise Berwick, Pa.
Border, Lori Ann York, Pa.
Boughner, Eugene Caleb Shamokin, Pa.
Bowes, Donald Howard South Orange, N. J.
Boyer, Lynda Louise Mt. Pleasant Mills, Pa.
Bramer, James Robert Webster, N. Y.
Brandt, Marjorie Louise Carversville, Pa.
Brenneman, Larry Dean York, Pa.
Brew, Thomas Hamilton Drums, Pa.
Broadt, David Robert Lewisburg, Pa.
Brosius, Arthur, II Avondale, Pa.
Brown, Donna Louise York, Pa.
Buriak, Roger Lee Sunbury, Pa.
Burns, Betty Lou Thompsontown, Pa.
Calderan, Sandra Joyce Waymart, Pa.
Canfield, Dorothy Lee Bloomfield, N. J.
Case, Constance Elizabeth Lewisburg, Pa.
Chapman, Susan Lancaster, Pa.
Claffee, Barbara Jeanne Pennsauken, N. J.
Coleman, Charles Porter Philadelphia, Pa.
Colombet, Antony Willard Sunbury, Pa.
Conrad, Margaret Jane Glenolden, Pa.
Cook, Patricia Ann Salisbury, Pa.
Coons, Jack Wesley Lancaster, Pa.
Cooper, Lawrence Robert DuBois, Pa.
Craft, John Wilfred Towanda, Pa.
Cressman, Robert Henry Oreland, Pa.
Cronlund, Kara May Gettysburg, Pa.
Curtis, Thomas Hazelton Bergenfield, N. J.
Davis, Carole P. Marlton, N. J.
Davison, Robert Charles, Jr. Spotswood, N. J.
Day, Donna Dale Canonsburg, Pa.
Dechert, Gene Henry Lebanon, Pa.
Deibler, Ronald Bogar Selinsgrove, Pa.
DeLong, David LeRoy Elizabethtown, Pa.
Detjen, Martha Sue Berwick, Pa.
Devlin, Joan Elaine Westville N. J.
Duncan, Boyd Jervis Blue Bell, Pa.
Dyer, Donald Eugene, Jr. Hackensack, N. J.
Eggert, John G. Philadelphia, Pa.
Esch, Barbara Ann Lewisburg, Pa.
Ewald, Diane E. White Plains, N. Y.
Ewing, Meredyth Hanway Pittsburgh, Pa.
Fecker, George Allen Sunbury, Pa.
Frable, Karen Lou Palmerton, Pa.
Fritsch, Janet Ann Woodlyn, Pa.
Garrett, John Cleland Robesonia, Pa.
Garrett, Kenneth Richard Robesonia, Pa.
Garrison, Shirley Mae Berwick, Pa.
Gass, Warren Woodrow Selinsgrove, Pa.
Gelnett, Mary Jane Millerstown, Pa.
Gerkens, William Alan Delanco, N. J.
Gordon, Kenneth Elwood, Jr. Reedsville, Pa.
Greco, Kathleen Ami Kulpmont, Pa.
Green, Donald Lee Harrisburg, Pa.
Grieb, Edward Henry Philadelphia, Pa.
Grondahl, Albert William Flemington, N. J.
Gundaker, Robert George Bricktown, N. J.
Hall, Peter Bergenfield, N. J.
Hand, Jon Ronald Trevorton, Pa.
Hand, Terry L. Sunbury, Pa.
Haney, Sandra Jean Jersey Shore, Pa.
Hannum, Sarah Elizabeth Phoenixville, Pa.
Harris, George Ellsworth Newark, Del.
Harris, Norman Wyland Harrisburg, Pa.
Hart, Gail Marie Woodstown, N. J.

Hauser, Frederick Robert
River Vale, N. J.
Hedler, John Kilian, Jr.
Washington, D. C.
Heilig, Jack Craig York, Pa.
Heishman, Eleanor Lois
Wardensville, W. Va.
Heller, Michael Scott
Shawnee-on-Delaware, Pa.
Henderson, Joan Elizabeth
Haddonfield, N. J.
Hendrix, Ronald Claude
Stratford, Conn.
Hengst, Barry Ray York, Pa.
Hershey, Fred Geist Leola, Pa.
Hettenbach, Lloyd Robert
Bloomfield, N. J.
Hoch, Henrietta Louise
Hughesville, Pa.
Hoehling, Patricia Carrington
Washington, D. C.
Hoffman, Norma Doris
Philadelphia, Pa.
Hofmann, Robert Bruce DuBois, Pa.
Holmen, Christine Marie
Huntington, N. Y.
Horn, John Chisolm, Jr.
Alexandria, Pa.
Horn, Nancy Ruth Orangeville, Pa.
Horowitz, Harvey Alan
Philadelphia, Pa.
Hough, Diana Marie Portage, Pa.
Howe, Richard Earl Chappaqua, N. Y.
Inners, Jon David Selinsgrove, Pa.
Jacobs, Alfred Willits, Jr.
Selinsgrove, Pa.
Jacobus, Earl Russell
South Orange, N. J.
James, Mary Longfellow Milford, Pa.
Jantzer, Judith Ann Rocky Hill, Conn.
Johns, Rosanne Waymart, Pa.
Johnson, Gary Donald Shamokin, Pa.
Johnston, Michael Lee Sunbury, Pa.
Jones, William Benjamin Coaldale, Pa.
Kachelriess, Lawrence Stephen
Union, N. J.
Kauffman, Paul Wayne
Thompsontown, Pa.
Kaufman, John Frederick
Strasburg, Pa.
Kay, Pamela Jane Basking Ridge, N. J.
Kerstetter, Larry Gene
Port Trevorton, Pa.
Kilburn, Anthony Chappaqua, N. Y.
Kirchner, George Amos York, Pa.
Kissinger, Terry Robert
Selinsgrove, Pa.
Klingerman, Eleanor Ann
Morrisville, Pa.
Knoepfle, Marianne Lancaster, Pa.
Knouse, Valerie Scotch Plains, N. J.
Knox, James MacDonald, Jr.
Ridgway, Pa.
Kratzer, Kenneth Earl McClure, Pa.
Kurtz, Carolyn Ann Toledo, Ohio
Lare, Joan Houston Norristown, Pa.
Lauer, Esther Elizabeth Ashland, Pa.
Lawler, Vicki Sue Ardmore, Pa.
Lindenmuth, G. Frank York, Pa.
Lawrence, Ethel Mae Sunbury, Pa.
Lindsay, William Edgar
Huntingdon, Pa.
Lips, William H. Wilmington, Del.
Loeffler, Karen Marie Pittsburgh, Pa.
London, Oliver Hill Forty Fort, Pa.
Lovell, Barbara Ruth Allentown, Pa.
Lovell, Benjamin Hallett
Essex Fells, N. J.
Lowry, Joan Irene
North Arlington, N. J.
Lowry, Joyce Marion
North Arlington, N. J.
MacConnell, Rosalie Frances
Somerville, N. J.
McCarrick, Thomas Cole
Millport, N. Y.
McGraw, Arch M. Harrisburg, Pa.
McGraw, Ronald Lee Riddlesburg, Pa.
Mackley, Judith Anne Sykesville, Md.
Marionni, Roland Louis
Union City, N. J.
Markowitz, Barry Ira
West Orange, N. J.

Marzolf, Chester Leroy
Pine Grove, Pa.
Mease, Kenneth Webster
Selinsgrove, Pa.
Mercer, Joanne Penny Bristol, Pa.
Merwin, Irving Henry Waymart, Pa.
Meyer, Ralph John Glen Rock, N. J.
Miller, Gary Andrew Ridgway, Pa.
Mowers, George Michael, Jr.
Upper Darby, Pa.
Mowrer, Eugene Lloyd Columbia, Pa.
Muller, Frederick David
Cheltenham, Pa.
Mummert, Gerald Elmer
East Berlin, Pa.
Murray, Jean Adair Altoona, Pa.
Mutzel, Kenneth Albert York, Pa.
Neece, Eleanor Ruth Williamsport, Pa.
Norton, James Buyers, III
Coatesville, Pa.
O'Hara, Joseph, III Havertown, Pa.
O'Neil, Louis D. Montgomery, Pa.
Overholt, Linford George
Philadelphia, Pa.
Padula, Samuel A. Kulpmont, Pa.
Parks, James Thomas Carbondale, Pa.
Pavlishin, Paul J. M.
Philadelphia, Pa.
Pearson, William Bruce
Philadelphia, Pa.
Perot, James Flourtown, Pa.
Peterson, Lucinda Ann Clearfield, Pa.
Peyakovich, Paul Samuel
Minersville, Pa.
Pfister, Lynn Ada Flushing, N. Y.
Phillips, George Walter
Jamesburg, N. J.
Platsky, Marilyn Joy Wilkes-Barre, Pa.
Polhemus, Judy Abbottstown, Pa.
Pollard, Ronald Frank Tremont, Pa.
Raffetto, David James Furlong, Pa.
Rayner, Marjorie Lee Westmont, N. J.
Read, Elizabeth Margaret
New Castle, Pa.
Reed, Barry Lee Sunbury, Pa.
Reed, Donna Gail Sellersville, Pa.
Reese, Edward Beaven
Kenilworth, N. J.
Reilly, Dennis Edward
Wilmington, Del.
Reinhart, William Charles
Greenwich, N. J.
Remler, Dan Curtis
Scotch Plains, N. J.
Richards, Robert Roland, Jr. York, Pa.
Riebe, Karen Louise Lansdale, Pa.
Ritzman, Ira Glenn Port Royal, Pa.
Roth, Mildred Ann Nuremberg, Pa.
Rothermel, Judith Ann
Wyomissing, Pa.
Rowlands, John Davis
Wilkes-Barre, Pa.
Royer, Theron James
Watsontown, Pa.
Rupprecht, Michael Edward York, Pa.
Rychards, Graham Joseph
Jackson Heights, N. Y.
Sabin, Bruce Thomas Somerville, N. J.
Sandahl, James Filer Woodbridge, N. J.
Scharff, Linda Ann Metuchen, N. J.
Schenck, Clark Beidler, Jr.
Robesonia, Pa.
Schlauch, Douglas Elroy
West Catasauqua, Pa.
Schneider, Gerald Lee Bloomsburg, Pa.
Schneider, Grant Herbert
Ho-Ho-Kus, N. J.
Schultheis, Robert Aiken
Philadelphia, Pa.
Schumacher, David Jacob
Scranton, Pa.
Seaks, Richard Alan Stewartstown, Pa.
Shaffer, Lawrence Eves
Harrisburg, Pa.
Sherwood, John Taylor Nicholson, Pa.
Shintay, Patricia Ann New York, N. Y.
Siegel, Carol Harriet Brooklyn, N. Y.
Silar, Robert Young
Willow Street, Pa.
Simington, Grace Dorothy Rome, N. Y.
Simon, Margaret Kathryn Berwyn, Pa.
Skinner, James Michael
Mt. Kisco, N. Y.

Skinner, Lawrence Anthony Mt. Kisco, N. Y.
Smith, Don Kent DuBois, Pa.
Snyder, Joseph Allen Selinsgrove, Pa.
Speidell, Walter Arthur Millburn, N. J.
Spriggle, Ann Romaine Richfield, Pa.
Stackhouse, Robert Howard Fanwood, N. J.
Stahl, Stanley Carl Washingtonville, Pa.
Stauffer, Dianne Louise Weatherly, Pa.
Steinberg, Joyce Ann Wallingford, Pa.
Stockalis, Barbara Ann Bristol, Pa.
Stone, Gary Winn Weatherly, Pa.
Straubel, Alan Frederic Teaneck, N. J.
Strine, Harry C., III Shamokin, Pa.
Stroh, Thomas Felix Danville, Pa.
Stuck, Wendel Alvin Northumberland, Pa.
Sugg, Barbara Jean Bethlehem, Pa.
Suloman, Robert Allen Pottstown, Pa.
Summers, James Warfield Honey Brook, Pa.
Thomas, Douglas Floyd New York, N. Y.
Trefny, Suzanne Charlotte Hatboro, Pa.
Trego, Ronald Elwood York, Pa.
Trommetter, James Lawrence Gordon, Pa.
Uhler, John Thomas Harrisburg, Pa.
Van der Hiel, Rudolph John Ardmore, Pa.
Voiles, Michael Charles Wind Gap, Pa.
Ward, Margaret Dale Springfield, Pa.
Wasson, Kathye Sue Rixford, Pa.
Waxman, Gerald I. Havertown, Pa.
Weibley, Sondra Louise Mechanicsburg, Pa.
Weichel, Jeffrey Robert Stroudsburg, Pa.
Wendler, Paul Frederick Ramsey, N. J.
Whitko, Donald Andrew Danville, Pa.
Wilde, James Marlyn Berwick, Pa.
Wingard, Mary Kathryn Windber, Pa.
Winters, Christopher Livingston Williamsport, Pa.
Witmer, Mary Jane Dalmatia, Pa.
Woernle, Walter Baltimore, Md.
Woolley, Dorothy Bartlett Hershey, Pa.
Yeager, Pamela Ann Macungie, Pa.
Young, James Elmer Nescopeck, Pa.
Zeilman, Donna Faye Carlisle, Pa.
Zook, Nancy Louise Lancaster, Pa.

SPECIAL STUDENTS 1960-61

Beamenderfer, Jean Selinsgrove, Pa.
Fiedler, Herman Sunbury, Pa.
Heim, Suzanne Marie Selinsgrove, Pa.
Keister, Helen Jane Middleburg, Pa.
Kendall, Janice Selinsgrove, Pa.
Kopf, Larry Jay Northumberland, Pa.
Lawrence, William Curry Danville, Pa.
Lenker, Thomas C. Sunbury, Pa.
Reinard, Nancy J. Port Trevorton, Pa.
Schnure, Jane Selinsgrove, Pa.
Starr, Mrs. Mark E. Selinsgrove, Pa.
Troutman, Clair Richard Millmont, Pa.
VanKirk, Donald Eugene Shamokin, Pa.
Wagner, Lynn Taylor Lewisburg, Pa.

SUMMER SCHOOL 1960

Aigars, Biruta M. Harrisburg, Pa.
Amerman, George Franklin Sunbury, Pa.
Badger, Ruth C. Selinsgrove, Pa.
Bagger, Elizabeth Hodges Hegins, Pa.
Baldwin, Kent T. Williamsport, Pa.
Brenneman, Joan Louise Lewisberry, Pa.
Carpenter, Peter Rockefeller Sunbury, Pa.
Coleman, Donald Edward Elysburg, Pa.
Coleman, Mary Louise Elysburg, Pa.
Collbaugh, James Thomas Towanda, Pa.
Davis, Richard Stockton Marlton, N. J.
Derk, Terry J. Trevorton, Pa.
Diehl, David James Fullerton, Pa.
Dietrick, Nancy Gilberton, Pa.
Donley, Brian Lee New Cumberland, Pa.
Edwards, Herbert Leslie Sunbury, Pa.
Ernst, Sonja Kay Selinsgrove, Pa.
Fausey, William Lester Selinsgrove, Pa.
Fishburn, William Kenneth Northumberland, Pa.
Freed, Joanne Romaine Port Trevorton, Pa.
Gahan, David Richard Selinsgrove, Pa.
Graybill, Gloria Annette Port Trevorton, Pa.
Gulick, Donna Lynne Philadelphia, Pa.
Haefle, Joan Ellen Hackettstown, N. J.
Haney, Ethel E. Mifflinburg, Pa.
Hauser, Kenneth Edward River Vale, N. J.
Heim, Suzanne Marie Selinsgrove, Pa.
Hobbes, Carol Mae Milton, Pa.
Hood, Carletta Chubb McAlisterville, Pa.
Huber, C. Edward Baltimore, Md.
Hultzapple, Nancy Updegrove Millerstown, Pa.
Irre, Barbara Carol Riviera Beach, N. J.
Jablonski, Stanley Gerald Northumberland, Pa.
Karniol, William George Sunbury, Pa.
Kleinbauer, Joe William Middleburg, Pa.
Kuebler, Peter Hammond Summit Hill, Pa.
Leach, Linda Karen Windber, Pa.
McCahan, Walter Keith Selinsgrove, Pa.
Mack, Linda Ellen Milton, Pa.
Manning, Lynn M. Harrisburg, Pa.
Markle, Neal James Oreland, Pa.
Meyer, Marilyn Carol Livingston, N. J.
Okamura, Elias Palau, Caroline Islands
Otto, Nora Kathryn Gratz, Pa.
Pollard, Ronald Frank Tremont, Pa.
Porter, Gerald Hill West Chester, Pa.
Riesmeyer, Ann Neta Pittsburgh, Pa.
Rowe, Richard Emerson New London, Conn.
Samson, Emery Gerald Lake Ariel, Pa.
Seiple, Rachel Derr Sunbury, Pa.
Schnure, Jane Selinsgrove, Pa.
Shaffer, Alfred Garfield Sunbury, Pa.
Showalter, Hilda W. Millmont, Pa.
Shuker, William Kenneth Selinsgrove, Pa.
Smeltzer, Gwendolyn Lee New Buffalo, Pa.
Stefanik, Ruth Ann Johnstown, Pa.
Topper, Mary Barnes Hyndman, Pa.
Traher, Mary Ann Selinsgrove, Pa.
Valentine, Robert Earl Mifflinburg, Pa.
Valunas, Katharine E. Selinsgrove, Pa.
Vought, John M., Jr. Lewisburg, Pa.
Weber, Carol Shearer Selinsgrove, Pa.
Weber, Joan Bittinger Hummels Wharf, Pa.
Werner, William W. Haddonfield, N. J.
White, Janet Holland Norristown, Pa.
Wiest, Kenneth Lamar Pillow, Pa.
Wormley, Elizabeth Carrie Northumberland, Pa.

ENROLLMENT SUMMARY

	Men	Women	Total	
Seniors	61	30	91	
Juniors	62	43	105	
Sophomores	97	98	195	
Freshmen	165	96	261	
	385	267	652	
Specials	7	7	14	
	392	274	666	666
Summer School 1960	32	35	67	
Names Repeated			43	24
				690

GEOGRAPHIC DISTRIBUTION OF STUDENTS ENROLLED IN REGULAR SESSION

1960-61

California		1	1
Connecticut	3	5	8
Delaware	4		4
Georgia	1	1	2
Maine	1		1
Maryland	2	4	6
Missouri		1	1
New Jersey	51	38	89
New York	18	13	31
Ohio		1	1
Pennsylvania	300	201	501
Vermont	1		1
Washington, D.C.	2	1	3
West Virginia		1	1
Virginia		1	1
Total, United States	383	268	651
France	1		1
	384	268	652

16:
Degrees Conferred in 1960

HONORARY DEGREES

Doctor of Divinity

Henry H. Cassler Lewisburg, Pa.

Doctor of Laws

Ernest F. Walker Johnstown, Pa.

DEGREES IN COURSE

Bachlor of Arts

Virginia Gould Alexander Doylestown, Pa.
Joyce Marie Arnold New Cumberland, Pa.
Barry B. Bealor Shamokin, Pa.
Harold Eugene Bingaman Selinsgrove, Pa.
Patricia Ann Bodle Williamsport, Pa.
Edward Earl Bollinger Harrisburg, Pa.
Walter A. Campbell, Jr. Shamokin, Pa.
Isabell Nancy Carroll Clifton, N. J.
Robert Alvin Clark McClure, Pa.
Donald Edward Coleman Elysburg, Pa.
Carol Ann Daily Windber, Pa.
Richard Maxwell Ditmars Somerville, N. J.
William Arthur Elmer Bridgeton, N. J.
Marilyn Frederika Faiss Verona, N. J.
George Wallace Gopie Berbice, British Guiana
Donald Melvin Gray Milton, Pa.
Frederick Charles Guinn Sunbury, Pa.
Stephanie Ann Haase Wilton, Conn.
Gary Arlen Hackenberg New Berlin, Pa.
Carmen Edward Huber Baltimore, Md.
Kathryn Elizabeth Keener Emmaus, Pa.
Sally Ann Kehler Shamokin, Pa.
Sara Lee McCahan McClure, Pa.
Mary Louise McCann Holsopple, Pa.
Ronald Howard McClung Baltimore, Md.
Vance M. Maneval Dewart, Pa.
Edward Frederick Marburger, Jr. Middleburg, Pa.
Nancy Lee Phillips Shamokin, Pa.
Harry Lee Powers Selinsgrove, Pa.

Robert Spencer Probert, Jr. West Hazleton, Pa.
Esther M. Rebuck Klingerstown, Pa.
Richard David Reichard York, Pa.
James Allan Rhodes Hollidaysburg, Pa.
Ray Elwood Richie Shamokin, Pa.
Charles Ario Rovenolt Watsontown, Pa.
Barbara May Shilling York, Pa.
Carlton Bruce Smith Glen Rock, Pa.
Ronald Lee Smith Dornsife, Pa.
Howard E. Speck, Jr. Cornwells Heights, Pa.
James D. Strausser Trevorton, Pa.
Edward Park Strayer Johnstown, Pa.
Richard Joseph Tietbohl Montoursville, Pa.
Michael George Tobias Trevorton, Pa.
Gayle Clairene Troxell Mountaindale, Pa.
Larry Wentzel Updegrove Millerstown, Pa.
Willi Karl Erich Weichelt Prospect Park, Pa.
Donald Alfred Winey Richfield, Pa.
Larry Allen Wingard Windber, Pa.
Leona Frances Wirt Sunbury, Pa.

Bachelor of Science

Joseph Stanley Aleknavage Ashland, Pa.
Mildred Ann Barabas North Bergen, N. J.
Gerald Bernstein Dunellen, N. J.
Patricia Mae Campbell Camp Hill, Pa.
Margaret Henderson Davenport Pittsburgh, Pa.
Brian Lee Donley New Cumberland, Pa.
Michael Francis Fahey, Jr. Westfield, N. J.
Ralph W. Ferraro Jersey City, N. J.
Melvyn C. Finkelstein Harrisburg, Pa.
F. Richard Handley Middletown, Pa.
Charles Wesley Hunt Union, N. J.
Kenneth Slagle James Glen Rock, Pa.
Amos Gerald Kunkle, Jr. Liverpool, Pa.
Donald Clyde Lehmer Harrisburg, Pa.
William W. MacDonald Phillipsburg, N. J.
James R. Maurer Helfenstein, Pa.
James Reno Middleswarth Laurelton, Pa.
June Dorothy Nonnemacher Catasauqua, Pa.
John Matthew O'Malley Union City, N. J.
Kermit Raymond Ritter Selinsgrove, Pa.
Allen I. Rowe Selinsgrove, Pa.
John Phillip Rowe Nutley, N. J.
Denny Reginald Shank Indiana, Pa.
Caroline Louise Shryock York, Pa.
William C. Shutt Ashland, Pa.
George Nelson Swann Keyport, N. J.
Shirley Mae Sweisford Boring, Md.
John Paul Yanuklis Union City, N. J.
Janet Grace Zortman York, Pa.

Bachelor of Science in Music Education

Susan May Apgar Roselle, N. J.
Joyce Elaine Bond East Stroudsburg, Pa.
Marie A. Bouchard Stratford, Conn.
Beverly Fay Braun Natrona Heights, Pa.
Lawrence W. Culp, Jr. Cornwells Heights, Pa.
David James Diehl Fullerton, Pa.
Helen R. Harding Kingston, Pa.
Jean Elizabeth Harner Sunbury, Pa.
Lillian Virginia Holcombe Towanda, Pa.
Sarah Louise Myers Greencastle, Pa.
Gwenllian Elsie Park Eagles Mere, Pa.
Paul P. Semicek Mt. Carmel, Pa.
Barbara Jane Yoder Port Royal, Pa.

SENIOR HONORS

SUMMA CUM LAUDE

Donald Melvin Gray Milton, Pa.

MAGNA CUM LAUDE

Sally Ann Kehler Shamokin, Pa.
Nancy Lee Phillips Shamokin, Pa.
Barbara May Shilling York, Pa.

CUM LAUDE

Virginia Gould Alexander Doylestown, Pa.
Mildred Ann Barabas North Bergen, N. J.
Mary Louise McCann Holsopple, Pa.
Donald Alfred Winey Richfield, Pa.

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CATALOG ADMISSION 1962/1963

usquehanna University

BULLETIN

Correspondence Directory

To facilitate prompt attention, inquiries should be addressed as indicated:

Academic Information	*Dean*
Admissions	*Director of Admissions*
Alumni Interests	*Director of Alumni Relations*
Athletics	*Director of Athletics*
Business Matters	*Business Manager*
Gifts and Bequests	*President*
Health Services	*University Nurse*
Placement	*Director of Placement*
Publications, Publicity	*Director of Public Relations*
Religious Activities	*Chairman, Religious Life Committee*
Scholarships, Student Aid	*President*
Student Interests	*Dean of Students*
Summer Session	*Director of the Summer Session*
Transcripts, Academic Reports	*Registrar*

Visitors are welcome to the campus. Administrative offices are open Monday through Friday from 8:45 to 4:45 and on Saturday until 12. Applicants for admission are expected to make appointments in advance.

Susquehanna University

BULLETIN

SUSQUEHANNA UNIVERSITY BULLETIN

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Susquehanna University Bulletin 1962/1963

One Hundred Fifth Year

SELINSGROVE, PENNSYLVANIA
OCTOBER-DECEMBER, 1961

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cover: *Susquehanna University Library as viewed from Landes Gateway. Gouache painting by Hilda Karniol.*

1:

Calendar for 1962-63

1962

JULY

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2:

University Calendar for 1962-1963

1962		*First Semester*	
September	10	*Monday*	Freshman Orientation begins
September	12	*Wednesday*	Freshman registration
September	13	*Thursday*	Upperclass registration
September	14	*Friday*	Convocation
September	29	*Saturday*	Parents' Day
October	13	*Saturday*	Homecoming, Holiday
November	21	*Wednesday*	Thanksgiving vacation begins, noon
November	26	*Monday*	Thanksgiving vacation ends, noon
December	22	*Saturday*	Christmas vacation begins, noon
1963			
January	3	*Thursday*	Christmas vacation ends, 8:00 a.m.
January	16	*Wednesday*	Final examinations begin
January	24	*Thursday*	Final examinations end
1963		*Second Semester*	
January	29	*Tuesday*	Second Semester registration
January	30	*Wednesday*	Second Semester begins
March	6	*Wednesday*	Spring vacation begins, noon
March	13	*Wednesday*	Spring vacation ends, 8:00 a.m.
April	11	*Thursday*	Easter recess begins at 5:00 p.m.
April	16	*Tuesday*	Easter recess ends, noon
May	4	*Saturday*	Alumni Day
May	11	*Saturday*	May Day, Holiday
May	24	*Friday*	Final examinations begin
June	1	*Saturday*	Final examinations end
June	2	*Sunday*	Baccalaureate Service at 11:00 a.m. Commencement at 3:00 p.m.
		Summer Session 1963	
June	17	*Monday*	Summer Session registration
June	18	*Tuesday*	Classes begin
July	26	*Friday*	Summer Session ends

3:

Purposes and Objectives

SUSQUEHANNA UNIVERSITY was founded by leaders of the Lutheran Church in 1858 and remains in close affiliation with this church. It is supported in its purposes and objectives by the Central Pennsylvania Synod of the United Lutheran Church in America.

Susquehanna University is basically a Liberal Arts college offering the Bachelor of Arts degree. Additional curricula are offered in Music Education, Business Administration, and Business Education, leading to the degree of Bachelor of Science.

Historically, Susquehanna has aimed to provide for its students adequate educational facilities and competent scholars as teachers who are vitally concerned in creating an environment dynamic to the production of Christian character among all those within the University community.

Academically, Susquehanna has limited itself to curricula in liberal arts, sciences and the above professions. It plans in the immediate future to concentrate in these fields of study. Through them, the University seeks to stimulate an appetite for pure learning which will prepare its students for the professions, the business world, and further study in recognized graduate schools. Susquehanna University desires to see in its students true scholarship interpenetrated with a genuine Christian faith.

4:
Introduction to Susquehanna

HISTORICAL SKETCH

Susquehanna University had its beginnings as the Missionary Institute of the Evangelical Lutheran Church, the cornerstone of which was laid on September 1, 1858, with the Reverend Dr. Benjamin Kurtz of the Maryland Synod as the founder. Established to supply the need for more ministers, the institution has broadened its scope to include the preparation of young men and women for the professions and postgraduate work, never ceasing to emphasize the necessity of the Christian way of life in all true education.

During its existence of more than one hundred years the institution has had thirteen presidents, all Lutheran ministers except one, Dr. John I. Woodruff, who served as acting president for one year.

In 1873 Missionary Institute became a pioneer in the field of coeducation by admitting women from the defunct Susquehanna Female College of Selinsgrove. In 1895 the corporate name of Missionary Institute was changed to Susquehanna University.

From the beginning the institution maintained a classical or collegiate department as well as a theological department. In 1882 music courses were established in the classical department and an independent music department was started in 1900. During this same year the business department was begun. All of these curricula continue to the present day except for the theological department which disbanded in 1933.

The history of Susquehanna might well be divided into four eras: 1858-1904, the formative years; 1905-1927, the age of expansion; 1928-1958, the period of consolidation; and, beginning with

the advent of President Weber in February 1959, renewed expansion.

Presidents have been: Benjamin Kurtz, D.D., LL.D. (1858-1865); Henry Ziegler, D.D. (1865-1881); Peter Born, D.D. (1881-1893); Franklin P. Manhart, D.D., LL.D. (1893-1895); J. R. Dimm, D.D., LL.D. (1895-1899); C. W. Heisler, D.D. (1899-1901); John I. Woodruff, Litt.D., LL.D., *Acting President* (1901-1902); G. W. Enders, D.D. (1902-1904); J. B. Focht, D.D. (1904-1905); Charles T. Aikens, D.D. (1905-1927); Jacob Diehl, D.D., *Acting President* (1927-1928); G. Morris Smith, M.A., D.D., LL.D. (1928-1959); Gustave W. Weber, B.A., B.D., S.T.M., Th.D., D.D. (1959-).

LOCATION AND ENVIRONMENT

SUSQUEHANNA UNIVERSITY is located at Selinsgrove, Pennsylvania, a town of about 4000 inhabitants, 50 miles north of Harrisburg and five miles south of Sunbury, on a campus of 66 acres. Situated on the Susquehanna River in Snyder County, Selinsgrove is a pleasant, small town in one of the most beautiful river valleys in America.

Selinsgrove is reached by bus from Harrisburg or Sunbury, both of which are served by the Pennsylvania Railroad. In addition, the Harrisburg Airport is served by Allegheny, Capital, and Trans World Airlines. By automobile Selinsgrove is approached from the north and south by Routes 11 and 15, from the west by Route 522, and from the east by Route 122.

ACCREDITATION

SUSQUEHANNA UNIVERSITY is fully accredited as a four-year liberal arts college by state and regional accrediting organizations, including the Middle States Association of Colleges and Secondary Schools, the Pennsylvania State Department of Public Instruction, and the Board of Regents of the University of the State of New York. Susquehanna is an associate member of the National Association of Schools of Music.

Susquehanna is also a member of the Association of American Colleges, the American Council on Education, and the National Lutheran Educational Conference.

SUPPORT AND CONTROL

FINANCIAL SUPPORT is given Susquehanna by the Central Pennsylvania Synod and the Board of Higher Education of the United Lutheran Church in America. Additional funds derive from loyal alumni and friends, other synods, foundations, business and industry. Susquehanna cooperates with 42 other Pennsylvania Colleges in promoting the program of the Foundation for Independent Colleges, Inc.

Control of Susquehanna University is vested in a Board of Directors of 36 members. Eight of these — four clergymen and four laymen — are elected by the Central Pennsylvania Synod. Two are nominated by the Alumni Association.

FACULTY

THE PRESENT FACULTY of Susquehanna University numbers 64; including six persons who serve on a part-time basis. In keeping with the University's stated purpose and objectives, Susquehanna expects of its faculty members: (1) competent or superior training, (2) experience, (3) genuine interest in the individual student, (4) vital concern for the nurture of Christian character in all members of the University community.

STUDENT BODY

STUDENT REGISTRATION at Susquehanna for 1961-62 totaled 813, representing thirteen states, the District of Columbia, Canada and Africa. Traditionally, a majority of the students come from Pennsylvania. The Susquehanna student body is generally known as one of serious purpose and good conduct, seeking to take advantage of its opportunity to develop capabilities of scholarship, personality, leadership, and usefulness.

ALUMNI

WITH BEGINNINGS that date to 1884, the Alumni Association of Susquehanna University has approximately 3700 graduates and former students on its rolls. All the leading professions are represented with a number of Susquehanna alumni holding posts of par-

ticular prominence in the fields of business, education, religion, science, engineering, music, medicine, and law. Alumni are located in 40 states and many foreign countries.

The Alumni Association is governed by an elected body of officers and the Alumni Council. It sponsors an annual Alumni Loyalty Fund, publishes the quarterly *Susquehanna Alumnus,* and organizes alumni activities on the campus and in 19 district clubs.

WOMEN'S AUXILIARY

More than 2000 loyal women have banded themselves together to stimulate and support the welfare and progress of Susquehanna. Through the Women's Auxiliary, organized in 1922, these women have been responsible for raising funds for many worthwhile building and furnishing projects on the campus. The largest gift from the auxiliary totaled nearly $50,000 toward the construction of Heilman Music Hall. The auxiliary meets monthly during the academic year. Membership is open to all women who are interested in the University.

5:

Campus and Facilities

On Susquehanna's attractive campus of 66 acres there are twenty-two brick buildings spanning a construction period of 100 years. Well-kept lawns, athletic fields, and some 1000 trees and shrubs of nearly 100 species add to its beauty the year around. Future development and erection of new buildings follow the logical, forward-looking, master plan of a campus architect.

BUILDINGS

Selinsgrove Hall is Susquehanna's first building. It was built in 1858 very largely through the generosity of the people of Selinsgrove and vicinity. During the days of Missionary Institute, from 1858 to 1895, it was the only building on the campus and contained a dormitory for men, classrooms, literary society halls, and a chapel. A substantial three-story building, today it houses administrative offices exclusively. Selinsgrove Hall was extensively renovated in 1959 and 1961.

Gustavus Adolphus Hall is a three-story building containing the student lounge, snack bar, and post office on the first floor, and a men's dormitory on the second and third floors. This is the second oldest building on the campus, having been completed and dedicated in 1895.

Seibert Memorial Hall is a large, colonial-style building erected in 1901-1902. It was named in honor of Samuel Seibert of Hagerstown, Maryland, whose will provided the University with $20,000. This gift from the Seibert estate was made possible largely through the efforts of Dr. S. W. Owen of Hagerstown, who was president of the Board of Directors at the time. The first floor of Seibert Hall includes reception rooms and social parlors, the chapel, and Horton Dining Room. The second and third floors are dormitories for women. The ground floor contains the Campus Book Store, a faculty lounge and additional dining rooms. The Möller three-

manual pipe organ in the chapel was presented by William A. Hassinger in memory of his wife, Mrs. Almeda M. Hassinger. Seibert Hall was extensively renovated in 1960.

Steele Science Hall, completed in 1913, was built through the gifts of the late Charles Steele, other directors of the Board, and friends of the University. It contains the laboratories and facilities for the Division of Natural Sciences and Mathematics.

Hassinger Memorial Hall, a modern fireproof dormitory dedicated in 1921, was erected largely through the gifts of the family of Martin Luther Hassinger, a former director of the University. Besides its three floors of dormitories for women, Hassinger contains several faculty offices, a guidance center and psychology laboratory on the ground floor. This building underwent major renovations in 1958 and 1959.

Alumni Gymnasium was constructed in 1935, replacing an older building destroyed by fire. Money for construction of the new gymnasium, raised under the leadership of Dr. G. Morris Smith, who was President of the University, was contributed by alumni, friends, faculty, and directors of Susquehanna. The main floor, large enough for two simultaneous basketball games, includes facilities for indoor baseball, volleyball, tennis, handball, badminton, and gymnastic activities, as well as offices for the physical education staff. The ground floor contains locker rooms, shower rooms, play rooms, and separate equipment facilities for men and women.

Jerry D. Bogar, Jr. Hall was dedicated in 1951. Modern in every detail, this fireproof building contains classrooms, lecture and seminar rooms, faculty offices, and special facilities for the Art, Business Administration, and Business Education departments. It also houses Benjamin Apple Theatre with its stage, auditorium, workshops and storerooms. The building was erected partly with funds contributed during the Christian Higher Education Year appeal. Outstanding donors were Jerry D. Bogar, Jr. and his son, Guy M. Bogar, alumni of Susquehanna University.

Heilman Hall, the home of Susquehanna's Division of Music, was dedicated in 1958, its construction made possible largely through a substantial gift from the late Mrs. May Heilman Spangle of Williamsport, Pennsylvania. This especially well-equipped building contains four classrooms, twenty individual practice rooms, ten

instruction studios, a rehearsal hall, library and listening room, reception hall, and an office for the division head. Valued at some $300,000, Heilman Hall was also partially underwritten by Susquehanna's Women's Auxiliary and the synodical Centennial Appeal.

The Library, completed in 1958, is more than double the size of the original library built 30 years earlier. Its facilities include several reading rooms and stack areas, carrels for private study, rooms for periodicals, cataloging, typing, record listening, reserve books, reference material, microfilm reading, and offices.

The book collection now numbers more than 41,000; approximately 2000 titles are added annually. Special collections include the Wilt bequest of works especially interesting to music students, and the Pennsylvania collection. In addition, the Snyder County Historical Society houses its collection in the library, and makes its books available to the authorized public. Currently the library receives about 300 periodicals and nearly all the major indices.

Open 69 hours each week, the Susquehanna library serves as an integral part of classroom study and provides stimulating materials for undergraduates, faculty, and friends in the community. To acquaint them with the basic tools of research, ten hours of instruction are given all freshmen by the librarians.

Two new residences were recently constructed at a cost of nearly $1,250,000 and were dedicated in the fall of 1961. One for men and one for women, they each provide modern living and study quarters for 150 students. Aikens and Sheldon lounges in these residences were furnished by Susquehanna's Women's Auxiliary.

The Health Center, formerly the home and office of the late Dr. Henry C. Benzenberg, provides complete facilities for Susquehanna's Health Service. The handsome, white brick, colonial building contains examining and treatment rooms, a drug room, infirmary, waiting room, and office and apartment for the University nurses.

Pine Lawn is the house occupied by the President of the University. It was erected in 1929.

The Cottage contains a number of faculty offices.

Nine residences on the campus are occupied by members of the faculty and staff.

Two new fraternity houses, completed in 1960, are located on the west campus. One fraternity house is immediately adjacent to the campus at 308 University Avenue. The house at 301 University Avenue, given to the University in 1961 by Mr. and Mrs. Claude G. Aikens of State College, Pa., is currently occupied by a fourth fraternity.

A central heating plant and a laundry are located on the campus proper.

OTHER FACILITIES

Latimer S. Landes Memorial Gateway stands at the main, east entrance to the campus. It was erected in 1959 through the generosity of Mrs. Latimer S. Landes in memory of her late husband, a prominent York, Pennsylvania physician who was president of the Class of 1911 and a member of the University's Board of Directors.

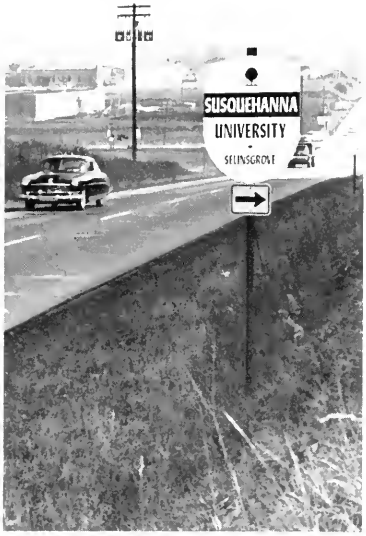
University Field, located east of the gymnasium, includes two gridirons, soccer and baseball fields, four all-weather tennis courts, four clay tennis courts, and a quarter-mile track with a 220-yard straight-away.

Women's Athletic Field, west of the gymnasium, includes fields for hockey and soccer, and an archery range.

The Campus Book Store, on the ground floor of Seibert Hall, is the source for text books, other school supplies, and specialties.

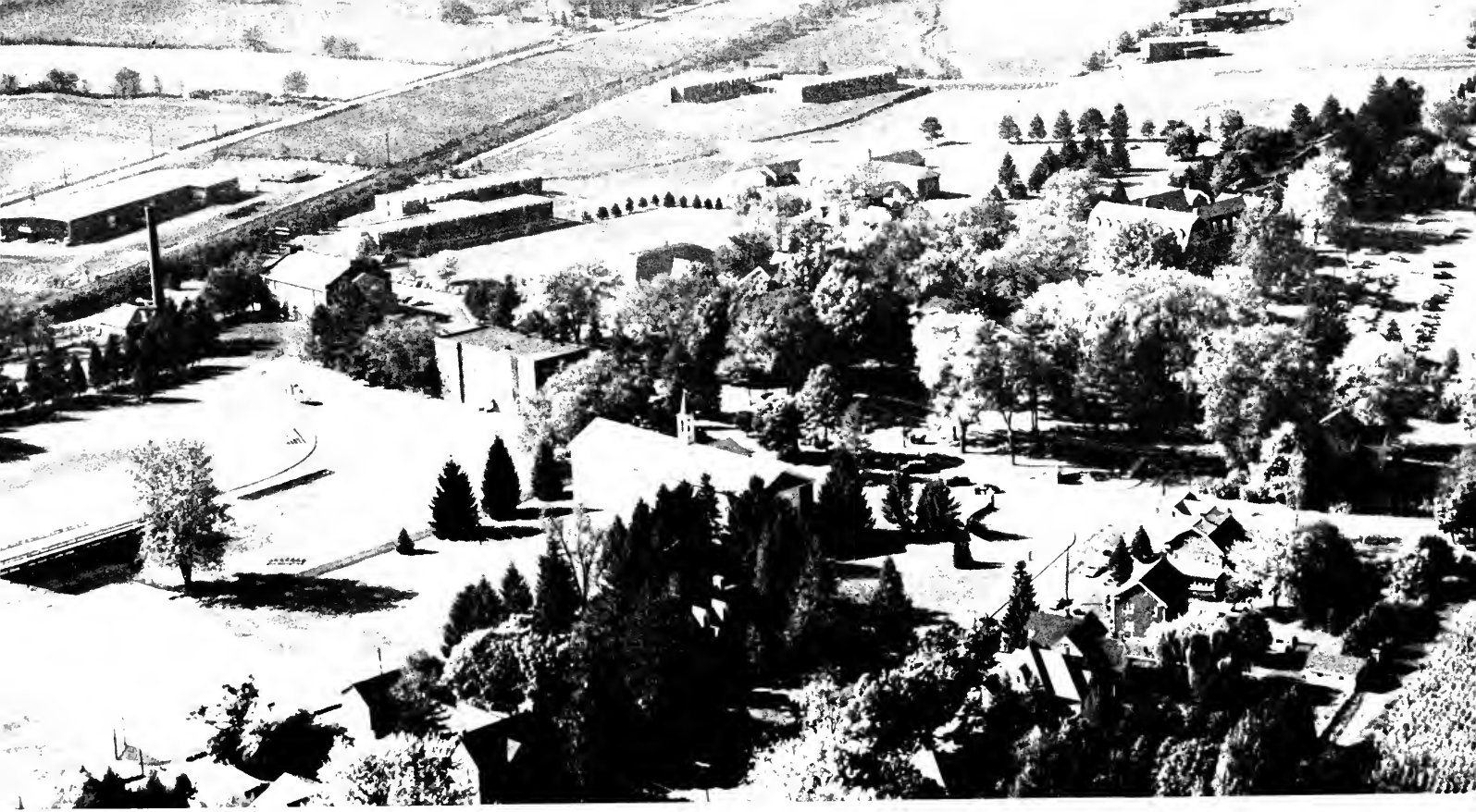
A *Health Service* is operated under the direction of the University nurses, with the main dispensary located in the Health Center. The nurses and one of Susquehanna's University physicians are on duty at regular clinic hours each day. Their services are available to all students in the dormitories and fraternity houses for treatment of illness or injuries. In addition, infirmary facilities are maintained for students housed in the dormitories.

The Susquehanna University Press, publishing since 1936 an annual journal of faculty research articles under the title *Susquehanna University Studies,* received official sanction in 1944. During the last 25 years more than twelve books have been published, including six volumes of the *Studies.* The first full-length book was *Walk the Long Years,* a narrative of the Susquehanna Valley by Frederic Brush. Recent books were *The Story of Susquehanna University* by William S. Clark and Arthur H. Wilson, and *The Hawaiian Revolution (1893-94)* and *The Hawaiian Republic (1894-98)* by William A. Russ, Jr.



Trailblazer signs direct the traveler to Susquehanna University at Selinsgrove.

Landes Gateway stands at the eastern entrance to the campus.



An aerial view of Susquehanna showing new dormitories in left and center background. Additional playing fields are off to the left.

TELEPHONES

SUSQUEHANNA UNIVERSITY's telephone number is DRake 4-2345. From 8:45 a.m. to 5:00 p.m. weekdays this number may be used to reach dormitories and all administrative offices except the Health Center (DRake 4-0126). Throughout the day and after hours, dormitories and fraternity houses may be reached at the pay station numbers listed.

DIRECTORY

Men's Dormitories

Gustavus Adolphus Hall ..... DRake 4-9941

New Men's Residence ..... DRake 4-9745

309 University Avenue ..... DRake 4-9813

Women's Dormitories

Hassinger Hall ..... DRake 4-9850

New Women's Residence ..... DRake 4-9830

Seibert Hall ..... DRake 4-9862

Fraternities

Lambda Chi Alpha, West Campus, first floor .... DRake 4-8316
second floor DRake 4-9842

Phi Epsilon, 301 University Avenue ..... DRake 4-8416

Phi Mu Delta, 308 University Avenue ..... DRake 4-9911

Theta Chi, West Campus, first floor ..... DRake 4-9755
second floor DRake 4-9797

6:

Student Life

RELIGIOUS LIFE

Education without religion is incomplete. Susquehanna stands for a steady and consistent cultivation of religious life. Each student is expected to attend the University chapel and the church of his choice regularly.

The Student Christian Association carries on a voluntary religious program throughout the year. By the example of their own lives, members seek to lead others to the full expression of their personalities and, through friendship, to acquaint new students with the ideals of college life.

SOCIAL LIFE

Susquehanna University, a coeducational institution, seeks to supply a normal, natural development in refined and cultural surroundings. Social life is under the control of a faculty committee. All social events, with chaperons specifically named, must receive the approval of the faculty social committee.

STUDENT ORGANIZATIONS AND ACTIVITIES

New student organizations may be formed by having their constitutions and by-laws approved in advance by the administration and faculty. All changes in the existing constitution and by-laws must also be approved. All college organizations (except those maintaining dormitories or dining halls) which collect dues or assessments or raise money otherwise for any purpose are required to keep their funds on deposit with the office of the Bursar, thus securing a complete and accurate accounting for all funds received

and spent. This procedure is not designed to relieve the organization officers of any responsibility.

STUDENT GOVERNMENT

THE STUDENT COUNCIL serves as the students' governing instrument for directing and/or supervising student life at Susquehanna. It provides for student government on a democratic basis. All of its activities are under the guidance of the administration of the University.

The Student Council consists of fourteen members in a ratio proportionate to the existing college enrollment. These members are elected for a term of two years by the student body from a slate proposed by the existing Student Council.

Students are encouraged to take an active part in the various activities of the Student Council.

STUDENT PUBLICATIONS

THERE ARE three official student publications at Susquehanna, each fulfilling a specific function.

The Student Handbook serves as a guide and reference book to all new students. It is published annually by the Student Christian Association.

The Crusader is the official student newspaper of Susquehanna University, published weekly throughout the school year except for vacation and testing periods. The purpose of *The Crusader* is to serve as a college news source for students, faculty and administration and to provide students of journalistic bent with an opportunity for expression and experience.

The Lanthorn is issued annually by members of the junior class. The Susquehanna yearbook, it contains a record of college life portrayed by pictures, prose and poetry.

ATHLETICS

SUSQUEHANNA recognizes the important place which organized games and sports play in college life. The athletic program of the University, controlled by a faculty committee, is an integral part of the educational objective of the University.

Susquehanna is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Northern College Division, Middle Atlantic Conference. It fields intercollegiate teams for men in football, soccer, cross country, basketball, baseball, tennis, track, and golf. Women play intercollegiate field hockey and basketball.

Amateur standards are strictly maintained in intercollegiate sports. No scholarships are given for athletic ability alone. Athletes secure and retain academic scholarships by meeting the same scholastic standards which are required of all other scholarship holders.

Great emphasis is placed on intramural games for both men and women. The Women's Athletic Association and the Men's Intramural Board organize and conduct the contests and the giving of awards. An unusually large proportion of students who are not on varsity teams thus participate in the athletic program.

NATIONAL SOCIETIES

FOUR NATIONAL societies maintain active chapters at Susquehanna to strengthen interest and activity in certain areas.

Alpha Psi Omega is a national dramatic fraternity consisting of 198 chapters, organized for the purpose of providing an honor society for those performing a high standard of work in dramatics. Through the expansion of Alpha Psi Omega among the colleges of the United States and Canada, the fraternity provides a wider fellowship for those in the college theatre. The Susquehanna chapter, Theta Phi, was chartered in 1941.

Pi Gamma Mu is a national social science honor society consisting of 130 chapters with a membership of over 19,000, established to encourage and reward undergraduate interest in the social studies. The Pennsylvania Gamma Chapter at Susquehanna was established in 1927 and its membership includes members of the faculty, alumni and students. Members are selected on the

following basis: evidence of special interest in social studies in which the student must have at least twenty semester hours with not less than a "B" average.

Sigma Alpha Iota is an internationally incorporated professional fraternity for women in the field of music. Membership is based upon scholarship (a "C-plus" average in music subjects and "C" in college courses), musicianship, personality and character. It is open to all music students. Its purpose is to promote high standards of professional performance and teaching as well as to further the development of music in America and in foreign countries. The Susquehanna chapter, Sigma Omega, was chartered in 1927 and is one of 119 college chapters in the United States.

Tau Kappa is a national athletic honorary fraternity for women. Upon earning a Junior Award in the Women's Athletic Association, a student is eligible for membership in Tau Kappa. The purpose of this fraternity is to maintain as well as increase the individual's interest in sports as a participant and as a spectator. The Beta Chapter of Tau Kappa was founded at Susquehanna in 1948.

SPECIAL INTEREST CLUBS

STUDENTS at Susquehanna may join a number of special interest organizations. Meetings, usually held monthly, feature special discussions, concerts, tours, and other programs to inform, instruct, and broaden the members' interest.

The Biemic Society is maintained to further the interests of students in biology, chemistry, and physics, and to present programs prepared by members or by guest speakers.

The Business Society is an organization of students enrolled in the departments of Business Education and Business Administration. The society endeavors to promote discussions of problems relating to education and business, to continue the building of a scholarship fund to aid worthy students, to inspire and encourage students to attain higher scholastic achievement, and to establish a closer fellowship among its members through social activities.

Beta Alpha Rho is an organization of students interested in the classical languages and civilization. At its meetings phases of ancient classical literature and civilization are discussed.

The Susquehanna University Players is the organization responsible for all dramatic productions. It was formed with the purpose of giving interested students an opportunity to perform before the public and to participate in the behind-the-scenes activities in the presentation of plays. Acting, stage work, make-up and some directing are done by members of the group.

The Future Teachers Association is an organization whose membership consists of students interested in teaching as a profession. This organization is primarily concerned with the preprofessional growth of teaching candidates prior to their in-service experiences.

The Pre-Theological Club is an organization of students of all religious denominations who are planning to enter church work. Meetings are held monthly with members of the faculty and the local clergy.

Alpha Phi Omega is a national service fraternity composed of college and university men who are or have been affiliated with the Boy Scouts of America.

MUSICAL ORGANIZATIONS

EXPERIENCE in broadening musical performance, perception, and perspective is offered in the University Choir, Symphony Orchestra, and Marching and Symphonic Bands. Music students participate at the discretion of the directors of the organizations. Membership, by audition, is drawn from the entire student body.

The Symphony Orchestra, whose purpose is to foster more widespread interest in our heritage of truly great orchestral music, presents an annual spring concert including a varied program representative of a wide range of historical style and musical taste. Whenever possible, student soloists are featured in masterpieces of the repertoire.

The Marching Brass and Percussion offers opportunity for training marching bandsmen in the routine of intricate maneuver and drill formations. This group plays at home football games, certain away games and other special events.

The Symphonic Band studies and performs standard overtures, suites, and symphonic movements of the great masters. Works by contemporary composers are also examined and performed ac-

cordingly. Adequate technical facility, ability to read music readily, and a feeling for genuine interpretive skill are emphasized.

The University Choir presents concerts of sacred music in churches and high schools in Pennsylvania and neighboring states. It also makes occasional appearances on television and the concert stage. In the Christmas and Lenten seasons the choir performs special music on the campus.

SOCIAL FRATERNITIES AND SORORITIES

THERE ARE three national social fraternities for men: Lambda Chi Alpha (Iota Eta chapter), Phi Mu Delta (Mu Alpha chapter), Theta Chi (Beta Omega chapter). Each has an attractive home for its members. There also is one local fraternity: Phi Epsilon.

There are three national social sororities for women: Alpha Delta Pi (Gamma Omicron chapter), Alpha Xi Delta (Gamma Kappa chapter), Kappa Delta (Beta Upsilon chapter).

These organizations have been granted certain privileges by the Board of Directors. A freshman may not become pledged to a fraternity or sorority if his scholarship index is below 2.00.

Freshman pledges will be permitted to become active members of fraternities or sororities provided their scholastic standing is satisfactory.

A student who has completed one full year's work in another college and is of sophomore standing may be rushed by a fraternity or sorority under the same rules that govern the rushing of freshmen.

CULTURAL OPPORTUNITIES

EACH DIVISION of the University annually brings to the campus outstanding programs in its particular field. These presentations are open to all students and persons of the community.

Because of the presence on the campus of a Division of Music, Susquehanna students enjoy unusual opportunities in the field of music. The various musical organizations constantly produce excellent musical programs. In addition, through its Artist Series, the University annually presents outstanding musical artists.

Student Recitals offer opportunities both for listening and for performing. The student musician is primed to gain poise, confidence, and experience in stage deportment. In this situation he establishes contact with a live audience and learns to project what he feels.

Faculty Recitals enable students to enlarge their listening pleasure. Through well-planned programs of fine examples of literature, the music student observes at first hand the principles he is striving to master.

HONORS AT GRADUATION

SENIORS having a scholarship index of 3.75 to 4.00 are graduated *summa cum laude*. Those with a scholarship index of 3.50 to 3.74 are graduated *magna cum laude*. Those with a scholarship index of 3.25 to 3.49 are graduated *cum laude*. Honors are announced at commencement exercises.

PRIZES

Stine Mathematical Prize. Through an endowment made by the Rev. H. M. Stine, Ph.D., D.D., of Harrisburg, Pennsylvania there is annually provided a prize of fifteen dollars to be awarded to a members of the sophomore class who has the highest average in the study of mathematics during the freshman and sophomore years. The conditions under which the prize will be conferred shall be subject to the regulations of the faculty.

Sigma Alpha Iota National Fraternity Prize. A certificate is awarded by the Sigma Alpha Iota Fraternity to its senior woman having the highest average for four years in the music course.

Alpha Delta Pi Sorority Prize. A cash prize is awarded by the

Alpha Delta Pi Sorority to its senior woman having the highest academic average for her college career.

Kappa Delta Sorority Prize. A cash prize is awarded by the Kappa Delta Sorority to its senior woman having the highest academic average for her college career.

Charles E. Covert Memorial Prize. By a bequest of $500 from the Alberta S. Covert estate, the Charles E. Covert memorial prize has been established to be awarded to a member of the junior class deemed to have exercised the most wholesome influence during his first three years. Elements of character, scholarship, attitude, and leadership will receive major consideration in awarding this prize.

Business Society Scholarship Trophy. A silver trophy cup, provided by members of the Class of 1950, is to be awarded for one year to that member of the freshman class in Business Education or Business Administration who has attained the highest scholastic standing during his freshman year.

DISCIPLINE

IT IS EXPECTED that all students come to Susquehanna for serious study and that they will adjust themselves to its ideals and regulations. The University reserves the right to require the withdrawal of students whose scholarship is unsatisfactory, and of those who for any other reason are regarded as not in accord with the ideals and regulations which the University seeks to maintain.

A student expelled for misdemeanors loses all credit for work done during the semester. In any case of reinstatement, the student will be on probation for one semester.

Intoxicating liquors are not allowed in students' rooms or fraternity houses. The detection of alcoholic liquors in any student's room or on his person will be held sufficient evidence to warrant his suspension from the University.

Drinking of intoxicating liquors, gambling, cheating, immorality, or similar breaches of discipline may be punished by suspension or expulsion from the University.

No firearms are permitted on the campus unless permission is secured from the Dean of Students.

HOUSING AND BOARDING FACILITIES

FRESHMEN ARE required to room in the University residences and board in the Horton Dining Room unless they are day students. When the dormitories are filled, special permission will be granted allowing men students to room and board in the town of Selinsgrove.

Students who room in Selinsgrove will make their own arrangements from a list of available rooms and rates, provided by the University. Rooms thus taken are ordinarily rented for one semester and are paid for by the week in advance. There are no rebates granted to the roomers for vacations during a semester.

There are no residence facilities for married students on the campus proper. Students who intend to become married during the academic year are expected to inform the office of the Dean of Students prior to the wedding date.

Any resident junior, senior or special student desiring to room in a fraternity house must first have permission from the Business Manager. Rooms in the dormitories are rented for the full college year and no change is permitted except through a written request to and approval of the Business Manager.

The University reserves the right to close all residences as well as the dining room at stated times, such as during vacation periods.

Rooms in the dormitories are furnished with beds, springs, mattresses, wardrobes, chairs and tables. Each student must supply his own sheets, blankets, pillows, pillow cases, rugs, and towels. Linen rental service, including sheets, pillow cases, towels, and blankets, is available from a nearby laundry. Students are advised of this service and its cost during the summer months. It is suggested that each student bring a good study lamp with him.

Any student willfully destroying or defacing University property will be required to pay the cost of replacement or repair and will be subject also to a fine or dismissal from Susquehanna.

It is assumed that all students contracting for rooms and board in the University residences accept the responsibility of abiding by

the rules and regulations, a copy of which must be signed by the resident student and by one of his parents if he is a minor.

The University does not carry insurance on personal property of faculty members or students and is not responsible for its loss or damage.

Room assignments are made to returning students during the first week in April. Reservation of room must be accompanied by a deposit of $50. Unless the reservation is cancelled before July 1, the fee is forfeited. Rooms are rented for the entire year, but Susquehanna University reserves the right to change any room assignment at its own discretion. The University also reserves the right to inspect rooms when it sees fit. On the campus, both self-service and commercial laundry facilities are available.

OTHER REGULATIONS

RULES and regulations not covered in this catalog are outlined in detail in the *Student Handbook*. All students are responsible for adherence to the University's rules and regulations, no matter in which form they are published. While frequent changes are not probable, the administration reserves the right to make any changes it deems necessary.

HEALTH SERVICE

SUSQUEHANNA requires a physical examination of each student before he enters the University. This is done by the physician of the applicant's choice and reported on a comprehensive form supplied by the University. Examination reports are studied by the University Nurse, who makes special provision for students who need special attention, such as reduced schedules, excuses from physical education classes, and similar measures. The services of Susquehanna's Health Service are described on page 16.

While the educational program at Susquehanna constantly emphasizes the importance of good health habits, each freshman is required to take a special course in personal hygiene under the direction of the department of Physical Education.

MILITARY SERVICE

REPRESENTATIVES of the armed service branches regularly visit the Susquehanna campus to interview students interested in special officer training programs to fulfill their military obligations. Most of these programs make it possible for the student to obtain a commission upon graduation from college.

EXCLUSION FROM THE UNIVERSITY

THE ADMINISTRATION reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable without assigning any further reason. In such cases the fees due or paid in advance to the University will not be remitted or refunded, in whole or in part. Neither Susquehanna University nor any of its officers shall be under any liability whatsoever for such exclusion.

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Scholarships and Student Aid

About forty percent of the students at Susquehanna receive some sort of financial aid toward the cost of their education. This aid is given in the form of outright scholarships, work grants, discounts, loans, etc. Applications for financial assistance, aside from regular academic scholarships, are subject to the processing of the College Scholarship Service of the College Entrance Examination Board, Princeton, N. J. Specific information concerning scholarships and loans may be secured from the Business Manager.

ENDOWMENT SCHOLARSHIPS

1. *The Bodine Scholarship,* endowed by Dr. DeWitt Bodine of Hughesville, Pennsylvania, in the amount of $500. The annual interest of this sum as a scholarship is under the direction of the Council of Trinity Lutheran Church, Hughesville, Pennsylvania.

2. *The Brownmiller Scholarship* of $1000, established by the Rev. E. S. Brownmiller, D.D., and his son, the Rev. M. Luther Brownmiller, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.

3. *The Bateman Scholarship* of $500, established by the Rev. S. E. Bateman, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.

4. *The Huyett Scholarship,* established by Mr. E. M. Huyett of Centre Hall, Pennsylvania, of $1000, to be given under the direction of the President of the University.

5. *The Bodine Scholarship* of $1000, established by Mrs. Emma B. Bodine of Hughesville, Pennsylvania, widow of Mr. DeWitt Bodine, in memory of her husband, who was a director of the University.

6. *The Duck Scholarship* in the amount of $1000, established by Mr. Henry Duck of Millheim, Pennsylvania, in memory of his wife.

7. *The Keiser Scholarship* in the amount of $1000, established by Mr. John A. Keiser of West Milton, Pennsylvania, in memory of his wife.

8. *The Wieand Scholarship* in the amount of $1000, established by the Rev. W. R. Wieand, D.D., of Altoona, Pennsylvania, in grateful remembrance of what Missionary Institute, now Susquehanna University did for him in earlier years.

9. *The Mary L. Steele Scholarship* in the amount of $5000, established by the late Charles Steele of Northumberland, Pennsylvania. The income is to be used for the education of worthy students at Susquehanna University subject to nomination by the donor's family.

10. *The Lena Brockmeyer Scholarship* in the amount of $1000, established by check received from the Rev. G. L. Rankin, then treasurer of Pittsburgh Synod, of Wilkinsburg, Pennsylvania.

11. *The M. P. Möller Scholarship* in the amount of $5000, established by Mr. M. P. Möller of Hagerstown, Maryland.

12. *Class Gift Scholarship.* Class gifts from the graduating classes of 1914, 1930, 1931, and 1932 have made possible the establishment of a fund, the income from which makes available a scholarship annually for a person who has attained a high scholastic rank.

13. *Women's Auxiliary Scholarship* in the amount of $2000, established in 1931 by the Women's Auxiliary of Susquehanna University.

14. *The William H. Miller Scholarship,* established by William H. Miller of Stoystown, Pennsylvania, in the amount of $900. The annual interest on this sum is a scholarship under the direction of the administration of the University for the education of worthy young men preparing for the gospel ministry.

15. *The Misses Amanda and Elizabeth Smith Scholarship,* endowed in the amount of $1000, the income to be available for worthy students for the ministry.

16. *The Lillian V. Johanson Smith Scholarship,* established in 1943 by her sister, Miss A. E. Johanson, her brother, Dr. A. M. Johanson, and her husband, Dr. G. Morris Smith. The amount of the endowment is $2500, the interest from which is to be awarded from year to year to that needy student who, in the judgment of the scholarship committee, shows the marks of scholarly achievement coupled with dedication to the Christian spirit.

17. *The Abraham H. Heilman Scholarship* in the sum of $1000, established in 1945 by his son, William C. Heilman of Cambridge, Massachusetts.

18. *The Adeline Elizabeth Landes Scholarship* in the sum of $1000, established in 1945 by her son, Dr. Latimer S. Landes of York, Pennsylvania.

19. *The Sallie Burns Lenker Scholarship* in the sum of $5000, established in 1945 by Mrs. Sallie Burns Lenker of Dalmatia, Pennsylvania, for students of the Lower Mahanoy Consolidated School, Dalmatia, Pennsylvania. It is understood that recipients of this scholarship shall, upon achieving earning capacity, make in gratitude an appropriate contribution to the Sallie Burns Lenker Scholarship Fund.

20. *The Della Gramly Ocker Scholarship* in the sum of $1628.45, established by the will of Mrs. Della G. Ocker of Harrisburg, Pennsylvania, for worthy students of the ministry.

21. *The Business Scholarship,* endowed in 1946 by the Business Society of Susquehanna University in the sum of $2580, to aid worthy business students.

22. *The Thomas David Bittinger Scholarship* in the sum of $500, established January 29, 1947 by his father, Charles E. Bittinger, in memory of his son, a former student at Susquehanna University, who lost his life in World War II.

23. *The George B. Wolf Scholarship,* of $5000, established in 1947 from a portion of the bequest of this generous director of Susquehanna University, and under the direction of the administrative scholarship committee of the University.

24. *The Philadelphia Alumni Scholarship,* totaling $4824, established by the Philadelphia Alumni Association.

25. *The Rev. and Mrs. J. Frank Matter Scholarship,* established legacy in 1949 in the amount of $10,092.62, available to worthy ministerial students upon approval of the scholarship committee of the University.

26. *The Amos Alonzo Stagg Scholarship,* established in 1949, to be administered by the regular scholarship committee of the University.

27. *The Ner B. Middleswarth Scholarship,* established by a bequest from his estate received on August 15, 1950 in the sum of $500, the interest on which is to be used annually for the benefit of someone preparing for the gospel ministry.

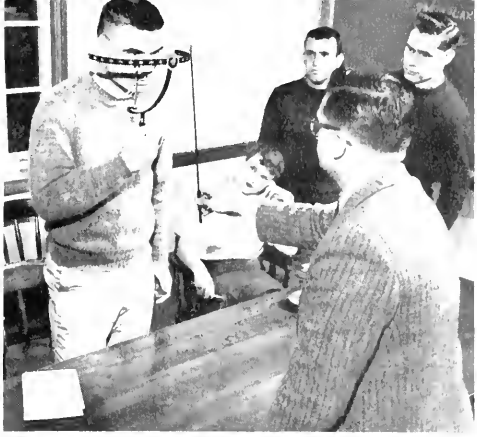
28. *The Heilman-Spangle Scholarship,* established in 1950 by Mrs. May Heilman Spangle for ministerial students. The amount of the endowment is $10,000 and interest will be available annually to that student who possesses superior talent for the high vocation of the gospel ministry. Intellectual ability, moral and spiritual geniuneness, personal presence, and capacity for effective public speaking shall be factors in making the award.

29. *The Ella Ritter Scholarship,* established in 1951 by a bequest of $2992.50, the interest from which is to be awarded to a young woman desiring to pursue a pre-medical course of studies.

30. *The Samuel J. Johnston Scholarship* of $5000, established by a legacy from the estate of his wife, Irene G. Johnston, in 1954, to be administered by the regular scholarship committee of the University.

31. *The Luther C. Peter Scholarship* of $5000, established in 1955 by Mrs. Carrie C. Peter in memory of her husband, to be administered by the regular scholarship committee of the University.

32. *The Mattie H. Deibler Scholarship* of $1000, established in 1955, to be administered by the scholarship committee of the University.



Color sensitivity of the eye is plotted with an eye perimeter.

Susquehanna students learn proper library procedure as an aid to individual research.

Across the Green from GA stands stately Seibert Hall.

Liberal arts and business classrooms are in Bogar Hall.

Susquehanna's Dean is always available for counseling.

33. *The John A. Hoober Memorial Scholarship* in the sum of $20,000, established in 1951, by the will of his wife, Sarah A. K. Hoober, the income from which is to be used for the education of students from York County, Pennsylvania, and to be administered by the scholarship committee of the University.

34. *The Joseph L. and Greta Ray Scholarship* in the sum of $3833.45, established on January 20, 1956, interest from which is to be used to assist worthy pre-theological students during their freshman year.

35. *The Mr. and Mrs. Frank A. Eyer Scholarship* in the sum of $2000, established in 1956, the income from which is to be used for the education of worthy students and to be administered by the scholarship committee of the University.

36. *The Carol Reidler-Botteiger Scholarship* of $2150, established in 1956, interest from which is to be used for the education of worthy students subject to the nomination of the donor's family.

37. *The H. Clay Bergstresser Scholarship* in the sum of $1000, established in 1956, to be administered by the scholarship committee of the University.

38. *The Women's Auxiliary Scholarship* in the amount of $2000, the income from which is to be used to aid a worthy student selected by the scholarship committee of Susquehanna University's Women's Auxiliary.

39. *The Krapf-Miller Scholarship,* currently of $3000, to be administered by the scholarship committee of the University. This scholarship was established in February 1961 by Dr. and Mrs. Bernard W. Krapf in memory of their former spouses.

40. *The Woodruff Alumni Scholarship* of $3000 to be administered by the scholarship committee of the University. This scholarwas established in October 1961 by alumni of the University and Dr. John I. Woodruff '88, the oldest living Susquehanna alumnus.

OTHER SCHOLARSHIPS

Woodruff-Fisher Scholarships. Four of these scholarships are given each year by the Board of Directors in honor of Dr. John I. Wood-

ruff and Dr. George E. Fisher, both members of the Class of 1888 and both former Susquehanna professors. Two of the scholarships are for full tuition for four years; two are for half-tuition for four years. One in each category is reserved for a Lutheran student. These scholarships are awarded on the basis of the high school record and scores attained on certain tests of the College Entrance Examination Board. Inquiries concerning the scholarships may be addressed to the Director of Admissions.

Music Scholarships. Six scholarships of $250 each are offered annually in the performance areas of voice, piano, organ, and band and orchestral instruments. They are awarded on the recommendation of the Division of Music faculty on the basis of musical excellence and potential as demonstrated by audition, with general scholarship and character as contributing factors. These scholarships are renewable each year, subject to a review of the holders' progress and approval of the music faculty.

Lutheran Brotherhood Scholarship. Through the generosity of the Lutheran Brotherhood Life Insurance Society, two $300 scholarships are made available each spring for the following year to Lutheran students in the junior class. They are awarded on the basis of outstanding scholarship, need, and good citizenship.

Weaver Memorial Classical Scholarships. These scholarships of $150 each are granted annually to male students of the classical languages who have attained high academic grades. They are awarded to a Lutheran member of each of the upper three classes, with preference given wherever possible to the previous recipient. The scholarships were established in 1960 by Rufus M. Weaver of Washington, D. C. in memory of his Lutheran forebears.

Fisher-Lubold Scholarship. An annual amount of $160 is to be used for aid to needy students, men or women, preparing for full or part-time Christian vocations exclusive of the ministry or the diaconate. The scholarship was established in 1960 by the Rev. and Mrs. R. L. Lubold of Selinsgrove.

Weaver Classical-Applied Music Scholarship. This scholarship of $150 is granted annually to a Lutheran female music major who is a member of the junior class and who in a previous college year has attained high academic grades in history and languages. Preference will be given to the candidate for the degree of Bachelor

of Arts. Upon satisfactory performance and on the recommendation of the faculty, the scholarship may be continued through the senior year. This scholarship was established in 1961 by Rufus M. Weaver of Washington, D. C. in honor of his wife and in memory of his mother.

For Children of Pastors. Unmarried children of clergymen of the Lutheran Church in America are granted a credit of $150 toward their tuition cost.

For Pre-Ministerial Students. Needy students planning to enter the Lutheran ministry are normally eligible for a certain amount of financial aid from the synod of their membership. Inquiries concerning such aid should be directed to the appropriate board or committee of the synod.

Special. Many industries have special scholarship aid programs for the benefit of children of employees. Inquiries should be directed to the industry concerned.

WORKING POSITIONS AND SCHOLARSHIP GRANTS

Opportunities for working positions on the campus are open alike to men and women students. The number of positions open each year varies. Opportunity for student employment is contingent upon the quality of the academic record maintained. Any upperclassman deserving such an opportunity should make application to the Business Manager before May 1.

Scholarship grants are awarded on the basis of mental ability, academic achievement, general deportment, and financial need. They will not be renewed when the holder falls below a scholarship index 2.00 ("C") for the school year. These grants will be reduced or withdrawn if one or all of the following are unsatisfactory: deportment, scholarship and/or workmanship on assigned tasks.

A transfer student may not apply for a scholarship or financial assistance until he has completed one academic year at Susquehanna.

Veterans receiving government assistance are not eligible for these working positions and scholarship grants since the cost of their education is already substantially met by the Federal Government.

LOAN PROGRAMS

Government Loan Fund. In cooperation with the Federal Government under the National Defense Education Act, Susquehanna University has created a Government Loan Fund. All qualified students are eligible to borrow under this plan, although priority is given those preparing for the scientific and teaching fields.

The Roger Blough Loan Fund. This fund was established in 1959 through a substantial restricted gift from Dr. Roger M. Blough, Class of 1925. Under the terms of the Roger Blough Loan Fund, students who have satisfactory academic records and can demonstrate financial need may borrow up to $500 per year, repayable at reasonable interest rates beginning six months after leaving Susquehanna.

The Rev. C. B. King Scholarship. The sum of $2000 was established as a scholarship in 1952 by Mrs. Myrtle King Graham, daughter, and Mrs. Angie C. King Byers, wife, in memory of the Rev. Cleason Becker King, D.D., the interest on which is to be administered as a loan to worthy pre-theological students, to be repaid without interest.

The York-Hanover Alumni Club Loan Fund. The sum of approximately $4000 is set aside by the York-Hanover Alumni Club as a loan fund for needy students. It is administered by the scholarship committee of the University.

The Weaver Emergency Loan Fund. Under the terms of this loan fund Rufus M. Weaver of Washington, D. C. will make a limited number of small emergency loans to help needy upperclassmen meet their financial obligation to the University. Loans are repayable to Susquehanna University.

Tuition Plan. Susquehanna endorses the tuition plan of the Girard Trust Corn Exchange Bank of Philadelphia. Under this plan educational charges are paid to the University by the bank with the parents or students making monthly reimbursement directly to the bank. An insurance feature of the tuition plan assures completion of the student's educational costs in the event of the death of the parents. Education at Susquehanna may also be financed through similar tuition plans operated by other banks of the students' choice.

8:

Admission to Susquehanna

In determining an applicant's eligibility for admission, the Committee on Admissions examines evidence relating to the whole personality of the applicant. This evidence relates to his scholarship, his moral character and ideals, the general character or pattern of his study in high school, his purpose in attending college, his health, and other points of strength or weakness in his school preparation, personality, and general cultural background. Each applicant is considered first in relation to his chosen field of studies and the demands such studies will make upon him. It is assumed applicants are in sympathy with the ideals of the institution and the program of education it sponsors.

In the selection of new students, the following factors are important:

(1) The transcript of the applicant's secondary school record.

(2) Recommendation of the secondary school principal or headmaster, guidance director and teachers.

(3) Results of the College Entrance Examination Board tests.

(4) Personal interview.

PROCEDURE FOR APPLYING FOR ADMISSION

Application for admission should be made to the Director of Admissions on forms provided by the University. The application must be accompanied by a fee of $10 and may be submitted any time after the completion of the junior year in high school.

COLLEGE BOARDS

All applicants for admission as freshmen must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. Information regarding testing dates and centers may be secured from high school guidance officers or by writing to the College Entrance Examination Board, P.O. Box 592, Princeton, N. J.

ADVANCED PLACEMENT

SUSQUEHANNA UNIVERSITY participates in the Advanced Placement Program of the CEEB. Students who have taken advanced courses in secondary schools and who wish advanced placement must take the Advanced Placement examinations in order to be considered.

The University will either waive the elementary course offerings or grant credit on the basis of performance on the examination, if requested. The decision will be at the discretion of the Dean of the University and the department involved.

All communications dealing with Advanced Placement should be addressed to the Dean, Susquehanna University.

TRANSFER STUDENTS

A STUDENT who wishes to transfer to Susquehanna University from another accredited institution should follow the regular procedure for admission. He must arrange to have all colleges attended send transcripts and letters of honorable dismissal to the Susquehanna Director of Admissions. This must be done whether the student plans to seek admission as a freshman or with advanced standing. Students seeking to transfer to Susquehanna with advanced standing must be in good standing at the college from which they are transferring and must be eligible to continue study at that college. A minimum cumulative average of "C" for the college work previously taken must be presented.

For those who can qualify for admission with advanced standing, credits earned at an approved institution will be honored, provided the courses taken are equivalent to those found in the Susquehanna curricula and carry a grade of "C" or better. See statement on residence requirements page 50.

A transfer student may not apply for a scholarship or for financial assistance until he has completed one academic year at Susquehanna University.

THE INTERVIEW

ALL APPLICANTS for admission must confer in advance with a representative of the University and, if possible, should visit the campus. If the applicant cannot possibly arrange for an interview, the Director of Admissions must be notified.

Appointments for campus interviews must be made in advance. Interviewing hours are: Weekdays 9:00 a.m. to 11:30 a.m. and 1:00 p.m. to 4:00 p.m., Saturdays, 9:00 a.m. to 11:30 a.m.

EARLY DECISION

AT SUSQUEHANNA, provision is made for those students who seek an early decision concerning admission. If the record, as of the end of the junior year, is of a superior nature and if the student has made a high score on the College Boards, the Committee on Admissions will grant the student a tentative decision. The student makes a down payment of $50 on tuition costs and a place is reserved in his particular class. At that time final acceptance will depend upon the applicant's scholastic record during the senior year.

ADMISSION TO SUMMER SCHOOL

CANDIDATES FOR admission to Summer School who plan to earn a Susquehanna degree must follow the normal procedure in applying for admission. If the student is working for a degree in some other college or university, he should write directly to the Director of Summer School, Susquehanna University.

SECOND SEMESTER ENTRANCE

ALTHOUGH SUSQUEHANNA does not admit a new class in the second semester, there are usually a few openings for new students who are mature enough to make the adjustment to college life. Such students should use the normal procedure of admission outlined above.

ENTRANCE REQUIREMENTS

A MINIMUM of 15 units is required if the student enters from a four-year fully accredited high school or secondary school, or 12 units if he enters from a three-year fully accredited high school or secondary school. The units should be distributed as follows.*

FOR ENTRANCE TO THE LIBERAL ARTS AND MUSIC CURRICULA English, 3 units; foreign language, 2 units of one

*Students planning to take medical, dental, veterinary or other pre-professional courses must satisfy the state requirements for secondary work in these professions. In general, these requirements follow the pattern recommended for entrance of courses leading to the Bachelor of Arts degree.

language; mathematics (including algebra and plane geometry) 2 units; history, 1 unit; science, 1 unit; and electives to make 15 units.*

Prior to final acceptance of any applicant in the music curricula an audition will be arranged to determine basic aptitudes. The audition consists of a performance test in voice, piano, any other instrument the candidate is able to play, and a written test on the fundamentals of music. Decision will be based on the ability to sing and play accurately with good tone and rhythm, on evidence of two years of piano study, and on the ability to read at sight.

FOR ENTRANCE TO THE BUSINESS ADMINISTRATION, BUSINESS EDUCATION, AND SECRETARIAL CURRICULA

English, 3 units; history, 1 unit; science, 1 unit; and electives to make 15 units.* Preference will be given, however, to those students who have followed a straight academic program in high school, and who have carried a minimum of 2 years of mathematics and 2 years of a foreign language.

VETERANS

SUSQUEHANNA has been approved by the Veterans Administration to provide education under the Public Laws pertaining to veterans.

Certificates of eligibility and entitlement should be presented before or at the time of registration. Veterans who come to college without certificates may make application after arrival through the office of the Registrar.

Susquehanna will give appropriate credit for courses of college level taken in the armed services, in accordance with the recommendation of the American Council on Education. Official documents showing the work taken should be presented as soon as possible to the Registrar.

Accommodations for married veterans are available in homes and apartments in Selinsgrove. Veterans are excused from Physical Education and Personal Hygiene and thereby are given credit for their basic training in the armed services.

*Students who intend to seek teaching certification in New York state must present 4 units of English or a total of 16 units.

9:

Costs

SUSQUEHANNA UNIVERSITY is a non-profit institution serving youth. The amount paid by the student per year does not meet the complete cost of his education. The contribution of the student is approximately 70 percent of the total cost. The balance is met by income from endowment, gifts from alumni and friends, and annual grants by the Board of Higher Education and the Central Pennsylvania Synod of the United Lutheran Church in America. Susquehanna University thus endeavors to maintain a high standard of education at minimum cost.

REGULAR CHARGES

THE BASIC COST of a year at Susquehanna, as outlined below, is approximately $1745 for resident students and $1095 for non-residents, beginning with students entering in 1962. To the total, applicable special fees must be added. These amounts do not include travel, textbooks, laundry, and other personal expenses controlled by the student.

RESIDENT STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours) *	$1000.00
Board	400.00
Room Rental	250.00
Comprehensive Fee	75.00**
Health and Accident Insurance (estimated)	20.00**
Total	$1745.00***

*Applicable to students taking from 14 to 18 credit hours inclusive, per semester. Those taking less than 14 or more than 18 will be charged on the basis of $30 per credit hour.

**Applicable to all students taking 12 or more credit hours.

***Applicable to all resident students in all divisions.

NON-RESIDENT OR DAY STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours)	$1000.00
Comprehensive Fee	75.00**
Health and Accident Insurance (estimated)	20.00**
Total	$1095.00

SPECIAL FEES

Machine accounting	$10.00 per semester
Botany, zoology, comparative anatomy, bacteriology, embryology and histology	15.00 per semester
Metallurgy	10.00 per semester
Freshman chemistry	25.00 per semester
Chemistry, not mentioned above	20.00 per semester
All typing courses	5.00 per semester
Experimental physics	10.00 per semester
Statistics	5.00 per semester
Experimental psychology	5.00 per semester
Developmental and remedial reading	10.00 per semester
Auditing a course	10.00 per semester hour
Observation and student teaching	5.00 per credit hour
Sophomore Graduate Record Examination	2.50
Senior Graduate Record Examinations	5.00
Transcript of record	1.00 each
Graduation fee, first semester of senior year	17.50

MUSIC FEES

TUITION for candidates for the degree of Bachelor of Science in Music Education includes one lesson per week in the field of concentration, one in a secondary field, and use of a practice room for two hours daily.

Tuition for candidates for the degree of Bachelor of Arts with a major in Applied Music includes two lessons per week per semester in the major field, and use of a practice room for two hours daily.

Lesson fees are not included in the tuition rate for candidates for the degree of Bachelor of Arts with a minor in music. These

*For students taking less than 14 or more than 18 credit hours per semester, tuition is $30 per credit hour.

**Applicable to all students taking 12 or more credit hours.

must be arranged for separately, along with the use of practice rooms.

The fee for any lesson not specifically referred to above under tuition rates is $45 for one half-hour per week per semester.

RENTALS

Organ, one semester, 6 hours per week	$30.00
Piano, one semester, 6 hours per week	6.00
Orchestra or Band instrument, one semester	7.00

ADMISSION COSTS

APPLICANTS for admission to Susquehanna University submit an Application for Admission form, requested from the Admissions office and returned to the same office when completed. A fee of $10 must accompany the Application for Admission. This fee, which partially liquidates the cost of processing, is non-refundable and non-applicable as a payment on the applicant's account.

The Director of Admissions will inform the applicant of the action of the Admissions Committee as soon as possible after receipt of application. An advance payment of $50 must be made to the Admissions office within 21 days from the date appearing on the letter of acceptance to the applicant. This payment completes enrollment, is credited to the student's first-semester account, and is not refundable.

It is essential that the student make the advance payment as specified above on time, otherwise he loses his place of sequence on the official registration list. Such displacement could mean exclusion from departments in which enrollment is limited. Placement will be determined by sequence in registration.

TERMS OF PAYMENT

ALL CHARGES for the semester are due at the time of registration. At least half of the bill must be paid on or before the date of registration if registration is to be completed. The balance for the first semester must be paid by November 1, for the second semester

by April 1. No student may take final examinations or receive grades for the semester until all charges for the semester are paid.

An extra charge of $10 will be added to all accounts showing unpaid balances as of November 1 and April 1.

To facilitate matriculation it is requested that a check in the amount of $450 for resident students and $300 for day (or non-resident) students be sent to the Bursar in advance of the arrival of the student. Checks should be made payable to Susquehanna University. No student is registered until all financial obligations have been satisfactorily settled with the Business Manager.

PAYMENTS BY VETERANS

THE AIM of the University is to serve its students whenever and however possible. To this end, veterans who are attending Susquehanna under the sponsorship of the U. S. Government are not required to pay their bills in full at the time of registration. This policy eliminates the need for veterans to borrow funds whose interest charges add to the cost of their education. To ease the load and assist the veteran, Susquehanna has devised the following program of partial payments in consideration of the dates on which the veteran normally receives monthly checks from the Federal Government.

FIRST SEMESTER

Resident Students	*Non-Resident Students*	
$500.00	$250.00	payment when registering each year.
$100.00	$ 80.00	payment to be made on each of the following dates: October 20, November 20, December 20, and January 20.

SECOND SEMESTER

Resident Students	*Non-Resident Students*	
$450.00	$225.00	payment when registering each year.
$100.00	$ 80.00	payment to be made on each of the following dates: February 20, March 20, April 20, and May 20.

The sum received by the veteran on June 20 is retained by him.

A veteran's account not showing payments made as specified above by December 1 for the first semester and April 1 for the second semester will be charged an extra $5 each semester.

INSURANCE

IT HAS BEEN learned from experience that it is helpful for students to carry health and accident insurance. The University requires each enrolled student taking twelve or more semester hours to carry this insurance for the academic year. The premium rate is reasonable. Coverage is for $500 as outlined in a folder sent each student during the summer and indicating the premium for the year. This premium will appear on each semester's bill. The student may decide whether he desires the calendar year coverage. If so, he will pay the extra premium before departing at the close of the second semester.

Students who are members of varsity teams playing in intercollegiate games will have part of the premium reimbursed by the University for the percentage of time engaged in such sports during any semester.

TRANSCRIPTS AND GRADUATION

SATISFACTORY settlement of all bills and fees is required before graduation, and before semester grades or an honorable dismissal can be granted, or transcript of grades released. This includes obligations to the University, class publications, organizations, clubs, fraternities, and class assessments voted by a majority of a class in a regularly called meeting.

REFUNDS

NO FEES will be refunded at any time except:

In case of illness or absence entirely beyond the control of a student, requiring his withdrawal or absence from the campus for a period of time, board will be refunded beginning with the third week after his departure from the campus.

If a student returns at the beginning of a semester after recovery from an illness or after absence beyond his control, the credit balance of fees, exclusive of room and board, appearing on the University's books at the time of illness and departure from the campus, may be credited to his account.

Students dismissed for unsatisfactory work or for infringement of University regulations are allowed no refunds.

There will be no refunds for courses dropped two weeks after registration day.

If a student withdraws from the University under unusual circumstances, the following policy is in effect regarding refunds: No enrollment fees are refundable. A minimum of $100 is not refundable if the student has been on campus less than ten days. If the student has been on campus more than ten days, $10 per day up to thirty days is not refundable. If the student has been on campus for longer than thirty days, no charges are refundable.

10:

Academic Procedures

REGISTRATION

At the beginning of the college year each student will be given instructions concerning enrollment in classes and the payment of bills. A fee of $10 will be charged for any late registration. No student will be permitted to register later than one week after classes have begun.

Courses may be changed without charge during the first two weeks of the semester. Thereafter any course which is dropped *without* the permission of the Dean and the instructor will be recorded as a 'WF" (withdrawn failure). The grade "WF" is counted toward the semester average the same as an "F". If the student has the necessary permission to withdraw from a course, the grade will then be recorded as a "W".

A grade of "I" (incomplete) may be given when circumstances beyond the control of the student, such as serious illness, have prevented him from doing the work which was assigned. *Mere inability to get work in on time does not constitute a reason for a grade of "I".* Incomplete grades must be completed within two months, or the grade will be permanently recorded as an "F".

GRADING SYSTEM AND QUALITY POINTS

A	Excellent	4 quality points per credit hour
B	Good	3 quality points per credit hour
C	Average	2 quality points per credit hour
D	Unsatisfactory	1 quality point per credit hour
F	Failure	0 quality points per credit hour

SCHOLARSHIP INDEX

THE SCHOLARSHIP INDEX is determined by dividing the total number of quality points earned by the total number of attempted credits.

A student must attain a scholarship index of 2.00 (a grade of "C") in order to graduate. All students whose scholarship index is less than 2.00 may participate in extra curricular activities only at the discretion of the Student Standing Committee.

DEAN'S LIST

FOLLOWING each semester examination period the names of students who have made a 3.40 average for the preceding semester will be announced by the Dean.

SCHOLASTIC REGULATIONS

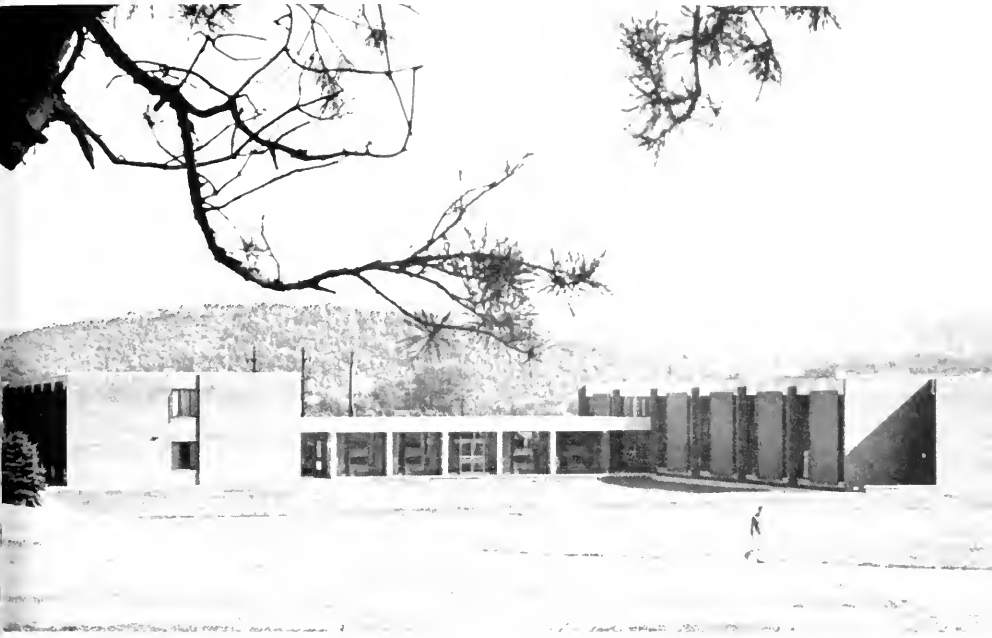
A STUDENT who fails to maintain a scholarship index of 2.00 (a grade of "C") shall be placed on scholastic probation. A student may be dismissed by the Student Standing Committee if he has been on probation for two successive semesters. Freshmen will be placed on probation if they have a scholarship index of less than 1.90 at the end of the first semester and less than 2.00 at the end of the second semester.

The normal schedule of a student includes 16 to 18 credit hours each semester, depending upon his total course requirements. To carry more than this number, a student must have a scholarship index of 3.00 or better and must secure permission from the Dean.

The minimum load of a regular student is 14 credit hours and the maximum is 20 credit hours. Any student carrying fewer than 14 credit hours a week will be considered a special student.

MAJORS AND MINORS

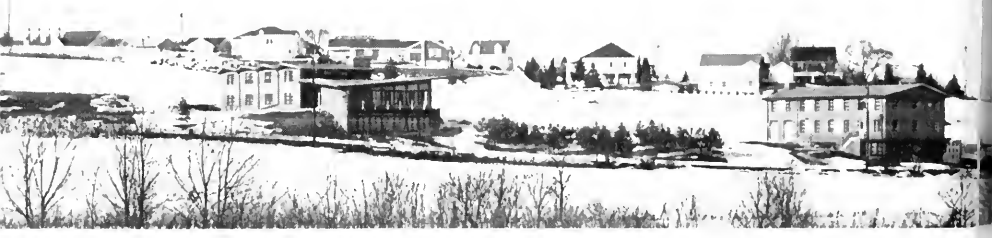
AS EARLY as possible, and not later than the end of the sophomore year, each candidate for the degree of Bachelor of Arts must choose one major field in which he intends to concentrate, and one



wo new dormitories were first occupied in Sep-mber 1961. This residence and another like it use 300 students.

This spacious bedroom looks out on Bogar Hall and Benjamin Apple Theatre.

Fraternity life is enjoyed by many at Susquehanna.



minor field. In most fields, 24 credit hours constitute a major and 18 credit hours constitute a minor. The program of major and minor fields shall be arranged by the student in consultation with the Registrar and the professor in his chosen major field.

Liberal Arts students may choose a major or minor from: biology, chemistry, economics, English literature, French, German, Greek, history, Latin, mathematics, music, philosophy, physics, political science, psychology, sociology, Spanish.

Minors may also be chosen from theatre, English composition, and music.

No major may be changed without the consent of the Dean and the department concerned.

Students in the Business Administration curriculum must choose a major field of specialization from the following at the end of the freshman year: accounting, economics, finance, marketing.

Students majoring in the Business Education, Music Education, Medical Secretarial, and Office Secretarial programs follow sequences of required courses and do not take majors or minors. Students in the first two curricula may not do student teaching unless they have a "C" average in their field of specialization.

Students in Secondary Education must comply with the certification regulations in the state in which they plan to teach. See page 91 for Pennsylvania requirements.

No "D" grade will be counted towards a major. If a student fails to earn a satisfactory grade in a course, the course must be repeated to earn major credit.

CLASSIFICATION OF STUDENTS

FRESHMEN will be given sophomore ranking upon the completion of 32 semester hours. Sophomores will become juniors upon the completion of 64 semester hours. Juniors will become seniors upon the completion of 98 semester hours.

GRADUATION REQUIREMENTS

SUSQUEHANNA UNIVERSITY offers curricula consisting of four years

of college work leading to the Bachelor of Arts or the Bachelor of Science degree. These curricula provide a broad, liberal background which serves as the proper foundation for any of the learned professions or for specialization in graduate study. The degrees are conferred only after a student has satisfactorily completed 132 semester hours and a scholarship index of at least 2.00.

If for any reason a student has carried more than this number of semester hours required for graduation, he must present quality points equal to twice the total number of semester hours he has carried in college. A student cannot graduate, regardless of the number of semester hours he has carried, unless he has also maintained an average grade of "C," or scholarship index of 2.00.

Each student will be responsible for keeping his own yearly record of the fulfillment of his graduation requirements, so that he may know at all times where he stands. The Registrar's office will keep the official record and advise the student concerning it. Ultimate failure to meet any graduation requirement will be the student's responsibility.

TRANSCRIPTS

Upon graduation or upon withdrawal before graduation, a student is entitled to one transcript of his college credits. Additional copies of the transcript are made available at one dollar each.

MINIMUM RESIDENCE REQUIREMENTS

To be eligible for graduation, a student must complete the minimum residence requirement of no fewer than two years at Susquehanna. One of these two years must be the senior year, unless special action is taken by the faculty or a three-two program is involved.

Under normal circumstances students must complete their requirements for graduation within six years after their initial matriculation. Special cases must have the approval of the faculty. Military service will be excluded from this six year period.

REPORTS

Reports of students doing unsatisfactory or failing work are made to the office of the Dean of Students at intervals during the

semester. Whenever a student does unsatisfactory or failing work, he will be asked to confer with the Dean or adviser and a notice will be sent to the parent or guardian. Final reports of the work of each student are sent to the parent or guardian at the end of each semester.

ATTENDANCE REGULATIONS

REGULAR CLASS attendance is required. However, there are times when students must be absent for reasons beyond their control. Therefore, each student is permitted the number of absences each semester equal to the number of credits for which the class is scheduled.

If a student must be absent beyond the allowed number of times, due to extended circumstances, his absences may be excused by the Dean of Students after communicating with the instructor.

Faculty members sponsoring athletic events, debates, field trips, or other student activities submit an alphabetical list of names of participating students, with the time of departure and return, to the Dean of Students at least three days prior to the activity. After giving approval, the Dean of Students places a duplicate copy of this list in the mail box of each faculty member.

A student participating in such activities is excused from classes and chapel. He is responsible for arranging in advance with his instructors to make up work that will be missed. If participation appears to be jeopardizing his chances of scholastic success, the instructor notifies the student, his coach or faculty adviser, and the Dean of Students.

The penalty for each excessive absence is one-third (⅓) extra credit hour and one-third (⅓) extra quality point added to the requirements for graduation. The office of the Dean of Students is responsible for the application of the penalty on the permanent academic record of the student.

Absence from tests which have been announced at least a week previously are counted as double absences. Absences from the classes preceding and following a vacation period by 24 hours are counted as double absences.

Three tardinesses from class during the semester are counted as one absence.

Dean's List students are subject to these regulations with the exception that all classes preceding and following a holiday period by 24 hours are excused. These students, however, must meet any announced examination schedule.

Each student is permitted five unexcused absences from chapel per semester. Unexcused chapel absences carry the same penalty as unexcused class absences.

REVIEW OF SOPHOMORE RECORDS

THE COMMITTEE on Student Standing reviews annually the two-year record of each sophomore. If this review shows that the student has had scholastic difficulty during his first two years and that there is grave doubt about his ability to finish successfully the last two years of college, the committee will recommend either a change of curriculum or withdrawal from the University.

GRADUATE RECORD EXAMINATIONS

IN ORDER TO PROVIDE a further measure of academic attainment in both general education and individual major subject areas, all students are required to take the Graduate Record Area Examinations during their sophomore and senior years. In addition, each graduating student will take the Graduate Record Examination in his major field during his senior year. This faculty action applies to all classes beginning with the Class of 1963.

SATURDAY CLASSES

THE UNIVERSITY operates on a schedule of five and one-half days per week. Monday through Friday, classes are scheduled from 8 a.m. to 6 p.m. Saturday classes are scheduled from 8 a.m. to 12 noon. Students, therefore, may expect to be scheduled for classes, laboratories, conferences, or private lessons at any time within these hours.

11:

Guidance

SUSQUEHANNA has always maintained a faculty large enough to give personal attention to each individual student. It has, therefore, been possible to provide close personal guidance and counseling.

Susquehanna's policy is to provide personal attention for those who need it. Students who are capable of directing their own college studies and activities successfully are given opportunity to do so. Students learn by doing, and for those who do well nothing is so retarding as unnecessary supervision.

The Deans give special attention to failing students by holding personal interviews with them and keeping their parents informed of the progress of each case. When it is considered necessary, the student is referred to the Guidance Center.

At the end of each semester the complete records of failing students are reviewed by faculty committees representing the main fields of study. At this review, reports from the faculty advisers are read and the strengths and weaknesses of the students are evaluated. For those students who seem capable of improvement, the committee prescribes programs of studies, regulates their extra-curricular activities, notifies the parents of the difficulties, and calls the attention of professors to these cases.

During the orientation program new students are given college aptitude and placement tests. An opportunity is given each student to confer with a member of the teaching staff to outline the work of the freshman year.

The Dean maintains a central file in which all the students' records from various sources are collected. These are used to aid the student in coming to an intelligent adjustment to college life.

Not later than the end of the sophomore year each candidate for the Bachelor of Arts degree is required to select some field in which he expects to concentrate his work. This is expressed in a major and a supporting minor. When the selection of a major has been made, the professor at the head of that department becomes the student's adviser and replaces the general adviser of the freshman and sophomore years. The major adviser guides the student's program of study for the remainder of his college course.

Candidates for degrees in Business Education and the Music Education curricula are not required to choose major and minor fields for specialization but follow the curricula prescribed for their professional training under advisers appointed from these departments.

A candidate for the degree in Business Administration chooses his major field at the end of the freshman year, but he is not required to choose a minor.

Vocational planning is furthered by:

1. Encouraging the student to secure accurate information about the vocation in which he is interested.

2. Giving vocational interest tests to students who believe they possess special interests or abilities, or to those who are undecided.

3. Maintaining a series of references in the library where students may become acquainted with the literature concerning the various professions.

4. Informing students who plan to enter the professions or pursue further study on such matters as schools, admissions, costs, scholarships, and courses. Faculty advisers have been designated for this purpose.

5. Arranging interviews, for seniors seeking positions, with personnel officers of business firms, representatives of state and federal civil service, and public school administrators.

THE GUIDANCE CENTER

In addition to the large amount of counseling done by the administration and the faculty, the University maintains a Guidance Center under the supervision of a psychologist. Students may make appointments to obtain diagnostic testing and professional counseling with educational and vocational problems as well as problems of personal adjustment.

A variety of aptitude, interest and personal adjustment tests may be administered and the results discussed with the student in individual conferences with the psychologist. Such conferences are usually helpful in making educational and vocational plans and in meeting certain personal and social adjustment problems. Personal counseling is available to any student on any matter.

PLACEMENT OF GRADUATES

The University maintains a placement service for it graduates. Although, in accepting a candidate for placement the University cannot guarantee a position, it does make every effort to assist alumni and students completing their education to obtain positions. No fee is charged for this service, the only requirement being that the registrant must keep the office informed of his employment status.

12:

Career Preparation

A COLLEGE EDUCATION is intended to enrich the student's cultural life and to prepare him to earn his living in a worthy profession. In many professions a rich cultural foundation, or general education, is the basis for later professional specialization. Susquehanna's curricula offer a wide variety of vocational choices and seek to prepare students in the areas of liberal arts, business and science.

LIBERAL ARTS

BESIDES being the core of the curricula of Susquehanna University and aiming to give a broad education, the Liberal Arts program opens to the student a variety of fields after graduation. The University prepares students for graduate work in the humanities and in the social sciences. A student with an outstanding record and a major of 24 to 36 credit hours will have no problem securing admission to the various graduate and professional schools. In all of these areas a broad, general education is a prerequisite. The student should be aware of the specific admission requirements of the graduate or professional school he desires to attend. Government service in various fields and industrial positions are also open to the Liberal Arts graduate.

Certain special areas beyond these for which Susquehanna's Liberal Arts curriculum prepares students are here noted.

MINISTRY

THEOLOGICAL SEMINARIES generally require a four-year college course for entrance. The American Association of Theological

Schools has stated that the college work of pre-theological students should result in acquaintance with the world of today, in the ability to use certain tools of educated man, and in a sense of achievement. The ministry needs men of broad culture. To this end, the student preparing to enter the seminary should lay emphasis on the Liberal Arts program in college rather than on the courses commonly known as pre-professional. See page 62 for a suggested course outline.

THE DIACONATE AND PARISH WORK

SUSQUEHANNA was the pioneer in working out the "three-two" cooperative plan with the Schools for Church Workers in Baltimore and Philadelphia. Under this arrangement young women who desire to enter the full-time service of the church as deaconesses or parish workers may receive the Bachelor of Arts degree by attending Susquehanna for three years and one of the Schools for Church Workers for two years.

The curriculum for the first three years follows the program for Liberal Arts with the exception of courses in religion, which will be taken at the Baltimore or Philadelphia school. Students interested in this program should contact the deans of the respective schools for specific information.

PUBLIC SCHOOL TEACHING

SUSQUEHANNA has an outstanding record in the education of successful teachers and administrators. Its graduates in large numbers are serving as district superintendents, county superintendents, and principals. Programs are offered in Secondary Education, Business Education, and Music Education. For further details see page 91.

MUSIC

SUSQUEHANNA has a fully-staffed Division of Music. The University offers a program in Music Education for public school teaching and one in Applied Music preparing students interested in solo work, musicology, or church music. Students who are interested in preparing for careers as church musicians are advised

that the curriculum leading to the degree of Bachelor of Arts with a major in applied music (in this case, either organ or voice) will provide the essential general musical background and the foundation for graduate specialization which such a career demands. The elective courses in literature and counterpoint, plus required work with the University Choir, will provide an excellent and more than adequate foundation. For further information on the Music Education program see page 70, and on Applied Music see page 63.

SCIENCE AND MATHEMATICS

SUSQUEHANNA UNIVERSITY offers majors in chemistry, physics, biology, and mathematics. All of the science curricula seek to retain as much of a broad general education as possible while presenting the fundamental laws and principles and their practical and industrial applications. The student thus has opportunity to develop strong scientific foundation for industrial work, teaching, and further professional study in medicine, dentistry, optometry and allied fields, and for graduate work. Good students will find ready acceptance to the professional schools in these areas.

Students planning to go on to medical school are advised to major in chemistry and biology and to take at least 6 hours in mathematics and general physics.

In addition, after graduation students are prepared to pursue further study toward careers in optometry, physical therapy, laboratory technology, and veterinary medicine. They should consult catalogs of the professional schools of their choice well in advance of graduation.

ENGINEERING

SUSQUEHANNA has a cooperative arrangement with the University of Pennsylvania whereby a student may take three years of pre-engineering at Susquehanna and, on the recommendation of his faculty adviser, will be accepted for two years of engineering at the University of Pennsylvania. At the end of the five-year course he will receive two degrees, the Bachelor of Arts from Susquehanna and the Bachelor of Science in his branch of engineering from the University of Pennsylvania.

Under this plan, a student who meets the transfer requirements at the end of his three years at Susquehanna will transfer into the junior class of the University of Pennsylvania. There he will study chemical, civil, electrical, mechanical, or metallurgical engineering.

Students who are interested in entering this five-year course must make the necessary arrangements with the pre-engineering adviser when they register for the freshman year. Candidates in each branch of engineering will follow specific programs during their three years at Susquehanna.

BUSINESS ADMINISTRATION

SUSQUEHANNA UNIVERSITY offers specialized training for those young men and women who desire to enter business as a vocation. Preparation leading to the degree of Bachelor of Science in Business Administration is given in the fields of accounting, advertising, banking, insurance, personnel work, sales, statistics, and government service. All candidates for the degree must satisfy the requirements for one of the four major areas listed and also the requirements for graduation as described on page 64.

In the freshman and sophomore years all candidates will follow the schedule of courses as outlined on page 65.

Majors are offered in accounting, economics, finance, and marketing. Business Administration students select their major field of concentration when registering for the sophomore year.

Additional courses must be taken to complete the requirements for graduation as outlined on page 64 for a total of 132 credit hours (66 in business subjects and 66 in general education courses). The student will select the necessary elective hours in consultation with his adviser.

Students who are interested in becoming certified public accountants should consult their faculty adviser for individual state requirements.

THE INTERNSHIP PROGRAM

A six-week accounting internship program has been developed at Susquehanna University through a working arrangement with

Price, Waterhouse and Company; Haskins and Sells; Peat, Marwick & Mitchell; and Arthur Young in New York City; and Lybrand, Ross Bros. and Montgomery; and Ernst and Ernst in Philadelphia. This internship serves as special training for selected candidates.

Eligibility for participation in the program is based on results of standardized tests and on recommendation of the Division of Business.

SECRETARIAL SCIENCE

SUSQUEHANNA UNIVERSITY offers a four-year program in Business Education as well as four-year office secretarial and four-year medical secretarial programs. Details are outlined on pages 66-69. All students in these fields carry the same program during their first two years. In the Secretarial Science program sufficient electives are available so that the student may concentrate in one academic discipline.

13:

Requirements for Degrees

BACHELOR OF ARTS

SUSQUEHANNA, a Liberal Arts college, seeks to give a rich cultural training to its students. During the first two years of college the student should lay broad foundations in the general cultural courses so that in his junior and senior years he may work on the more specialized programs required for the various professions.

The course requirements for the Bachelor of Arts degree, in semester hours, are as follows: English, 12 hours; one foreign language, 12 hours; laboratory science or mathematics, 12 hours; history of civilization, 6 hours; American history, 6 hours; Bible and religion, 8 hours; psychology, 6 hours; personal hygiene and physical education, 6 hours.* These required courses total 68 semester hours. In addition, the student will choose elective courses in his major and minor fields to bring the grand total required for graduation up to 132 semester hours, including 4 hours in physical education, for which he receives no quality points.

The program of work for the first two years of Liberal Arts is described on the following pages.

* Pre-medical, pre-engineering, science, and mathematics majors omit history of civilization and take a minimum of three hours of general psychology.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
History of civilization	3	History of civilization	3
Bible	2	Bible	2
Personal hygiene	1	Personal hygiene	1
Physical education	1	Physical education	1
	16		16

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Christian faith	2	Christian ethics	2
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
General psychology	3	General psychology*	3
American history*	3	American history*	3
Physical education	1	Physical education	1
	18		18

In the junior and senior years the student will complete any general course requirements still outstanding and specialize in the major and minor fields of his choice.

Pre-theological students should follow the program outlined by the American Association of Theological Schools selecting courses to include the following: Religion, 8-12 hrs.; education (at least history of education) 4-6 hrs.; English (including public speaking and advanced composition) 12-16 hrs.; history (including ancient and medieval) 8-12 hrs.; language (at least one of the following: Latin, Greek, German) 12-16 hrs.; natural sciences (preferably a course in one of the physical and one of the biological sciences) 12-16 hrs.; philosophy (at least introduction to philosophy and courses in history of philosophy) 8-12 hrs.; psychology (at least general and educational) 4-6 hrs.; social sciences (at least two of

*Candidates for the teaching profession in Pennsylvania should take educational psychology and history of United States and Pennsylvania.

the following; economics, sociology, government, social psychology) 12-16 hrs. In addition, students must select a liberal arts major and meet all departmental requirements.

Pre-theological students who have not received credit for high school Latin shall, except under unusual circumstances as determined by the Dean, fulfill their language requirements with this language. Others are advised that seminaries prefer either Greek or German and they should plan to fulfill their requirement with one of these. The study of more than one of these languages is strongly recommended.

BACHELOR OF ARTS (Applied Music)

THE PROGRAM for the Bachelor of Arts candidate majoring in applied music is:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Music literature	3	Music literature	3
Bible	2	Bible	2
Applied music	2	Applied music	2
Eurythmics	1	Folk dancing	1
Personal hygiene	1	Personal hygiene	1
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Foreign language	3	Foreign language	3
Theory II	3	Theory II	3
History of civilization	3	History of civilization	3
History and music literature	3	History and music literature	3
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
General psychology	3	Conducting	3
Conducting	3	Theory and literature	3
Theory and literature	3	Applied music	2
Applied music	2	Christian ethics	2
Christian faith	2	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
American history	3	American history	3
Recital	4	Recital	4
Electives	4	Electives	4
	14		14

BACHELOR OF SCIENCE (Business Administration)

THE BACHELOR of Science degree is awarded to those who finish the course in Business Administration and complete one of the four fields of major concentration.

The general course requirements in Business Administration in terms of semester hours are English, 9 hours; American government, 6 hours; American history or sociology, 6 hours; Bible and religion, 8 hours; general psychology, 3 hours; science or mathematics, 6 hours; personal hygiene and physical education, 6 hours.

The required general courses total 44 semester hours. In addition, 22 semester hours must be elected in the field of general education, and 66 semester hours are required in the fields of Business Administration and Economics. This makes a total of 132 semester hours, the number required for graduation.

The 66 hours which are required in Business Administration and Economics must include the following: principles of economics, 6 hours; business statistics, 3 hours; business mathematics, 3

The Marching Brass and Percussion provides halftime entertainment.

S.U. football captain, a Little All-American guard, receives the game ball from the Homecoming Queen.

The blistering Crusader ground attack gets under way.

Other sports are enjoyed with enthusiasm too.

hours; or Mathematics of finance, 3 hours; business writing, 3 hours; accounting, 6 hours; business law, 6 hours; corporation finance, 3 hours; business management, 3 hours; and 33 additional hours elected from courses in the Division of Business. Typewriting credit toward this degree is limited to 4 semester hours. Credit in shorthand is limited to 6 semester hours.

Students planning to enter the fields of accounting, salesmanship, merchandising, finance, personnel administration, federal civil service, or other specialized fields of business, should arrange their electives in consultation with their advisers.

The program for the first two years of Business Administration is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Business mathematics	3	General psychology	3
Science or mathematics	3	Science or mathematics	3
Elementary accounting	3	Elementary accounting	3
Business law	3	Business law	3
Personal hygiene	1	Personal hygiene	1
Physical education	1	Physical education	1
	17		17

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	Business writing	3
Bible	2	Bible	2
American history or sociology	3	American history or sociology	3
Economics 221	3	Economics 222	3
Physical education	1	Physical education	1
Electives*	6	Elective*	6
	18		18

In the junior and senior years, the student will complete any general course requirements still outstanding and will specialize in

*Intermediate accounting is required for majors in accounting.

one of the four fields of major concentration (accounting, marketing, economics, finance) as outlined on page 76.

BACHELOR OF SCIENCE (Business Education)

THE BACHELOR of Science degree is awarded to those who complete the four-year course in Business Education. This curriculum permits its graduates to secure a college provisional certificate to teach the business subjects in Pennsylvania secondary schools.*

The general course requirements for this degree in terms of semester hours are English, 12 hours; Bible and religion, 8 hours; science, 6 hours; business mathematics or mathematics of finance, 3 hours; general psychology, 3 hours; American history, 6 hours; principles of economics, 6 hours; American government, 6 hours, personal hygiene and physical education, 6 hours.

These required courses total 53 semester hours. The remainder of the 132 semester hours required for graduation are taken in Business Education courses. See EDUCATION, page 91.

The program for Business Education is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Business mathematics or		Economic geography	3
Mathematics of finance	3	Science	3
Science	3	Elementary shorthand	3
Elementary shorthand**	3	Elementary typing	2
Elementary typing**	2	Personal hygiene	1
Personal hygiene	1	Bible	2
Bible	2		
	17		17

*Courses may be elected to help meet the requirements of other states, but because of the great differences between Pennsylvania requirements in Business Education and those of nearby states it is not possible to meet all of the out-of-state requirements in a four-year curriculum designed for Pennsylvania.

**Students who have completed the equivalent of these elementary courses in the high school will not register for typing and shorthand until the second semester, and will then be privileged to graduate with a minimum of 6 hours of typing and 9 hours of shorthand.

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Principles of economics	3	Principles of economics	3
General psychology	3	Business writing	3
Elementary accounting	3	Elementary accounting	3
Advanced shorthand	3	Advanced shorthand	3
Advanced typing	2	Advanced typing	2
Physical education	1	Physical education	1
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
History of U. S. and Pennsylvania	3	History of U. S. and Pennsylvania	3
Business law	3	Business law	3
Social foundation of education	3	Educational psychology	3
Intermediate accounting	3	Intermediate accounting	3
Office practice or business education methods	3	Salesmanship or business curriculum	3
Physical education	1	Physical education	1
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Christian faith	2	Christian ethics	2
Office practice or business education methods	3	Student teaching	6
Public speaking	3	Business curriculum or salesmanship	3
Electives*	5		
	16		14

* Electives must be selected from liberal arts fields.

OFFICE SECRETARIAL

This program is open to students who are interested in preparing for executive and secretarial positions. They will receive the degree of Bachelor of Science. During the freshman and sophomore years, such students should follow the program for Business Education students, page 66.

For the junior and senior years, the following program is suggested:

JUNIOR YEAR

First Semester		*Second Semester*	
American history	3	American history	3
Business law	3	Business law	3
Machine accounting	3	Salesmanship	3
Advertising	3	Sociology	3
Office practice or public speaking	3	Physical education	1
Physical education	1	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Christian faith	2	Christian ethics	2
Public speaking or office practice	3	Sociology	3
Insurance	3	Electives	6
Electives	5		
	16		14

MEDICAL SECRETARIAL

This program is open to students desiring to become secretaries to physicians or to assume positions in hospitals, clinics, and laboratories. They will receive a degree of Bachelor of Science.

During the freshman and sophomore years, such students will follow the program for Business Education students listed on page 66.

For the junior and senior years, the following program is suggested:

JUNIOR YEAR

First Semester		*Second Semester*	
History	3	History	3
Medical aid or medical ethics	1-2	Medical office practice or medical terminology	1-2
Child development	3	Medical shorthand	3
Zoology	3	Zoology	3
Public speaking or office practice	3	Principles of sociology	3
Elective	2	Elective	2
Physical education	1	Physical education	1
	16-17		16-17

SENIOR YEAR

First Semester		*Second Semester*	
American government	3	American government	3
Medical ethics or medical aid	1-2	Medical terminology or medical office practice	1-2
Christian faith	2	Christian ethics	2
Public speaking or office practice	3	Electives*	8
Electives*	5		
	14-15		14-15

*One of these electives should be in science.

BACHELOR OF SCIENCE (Music Education)

THE DEGREE of Bachelor of Science in Music Education is awarded to those students who complete 132 semester hours in the music curriculum which has been approved by the State Council on Education for the preparation of teachers of Music Education in Pennsylvania.

The four-year program follows.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Introduction to music literature	3	Introduction to music literature	3
Bible	2	Bible	2
Eurythmics	1	Folk dancing	1
Personal hygiene	1	Personal hygiene	1
Applied music	2	Applied music	2
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
History of civilization	3	History of civilization	3
Theory II	3	Theory II	3
Music literature and history	3	Music literature and history	3
Christian faith	2	Christian ethics	2
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	17		17

JUNIOR YEAR

First Semester		*Second Semester*	
General psychology	3	Educational psychology	3
Social foundations of education	3	Theory and literature	3
Theory and literature	2	Conducting (instrumental)	3
Conducting (choral)	3	Methods (general instrumental)	3
Methods (general vocal)	3	Applied music	2
Applied music	2		
	16		14

SENIOR YEAR

First Semester		*Second Semester*	
Natural science	3	Natural science	3
Mathematics	3	Student teaching and conference	6
American & Pennsylvania history	3	Applied music	2
Applied music	2	Electives	5
Electives	5		
	16		16

A candidate for the degree of Bachelor of Science in Music Education may, upon completion of an additional year of one foreign language and an additional semester each of American history and mathematics, become eligible for the degree of Bachelor of Arts with full certification for teaching in the public schools of Pennsylvania.

14:

Courses of Study

SUSQUEHANNA OFFERS some 225 separate courses in 25 areas of study. The courses are arranged in five Academic Divisions and listed alphabetically by subject matter in the pages which follow.

THE ACADEMIC DIVISIONS

LANGUAGE AND LITERATURE (Dr. Barlow, *chairman*)
- English (Dr. Rahter, *head of Department*)
- Classical Languages (Dr. Barlow, *head of Department*)
- Modern Languages (Dr. Gilbert, *head of Department*)
- Art

NATURAL SCIENCES AND MATHEMATICS (Dr. Brown, *chairman*)
- Biology
- Chemistry
- Physics
- Mathematics

SOCIAL STUDIES (Dr. Lotz, *chairman*)
- History and Political Science (Dr. Reuning, *head of Department*)
- Sociology and Anthropology, Psychology, Education (Dr. Ofslager, *head of Behavioral Sciences Department*)
- Religion and Philosophy (Dr. Lotz, *head of Department*)
- Physical Education (Mr. Garrett, *head of Department*)

BUSINESS (MR. INNERS, *chairman*)
- Business Administration
- Business Education
- Economics
- Secretarial Subjects

Music (Mr. Hatz, *chairman*)
Music Education
Applied Music

THE COURSES

Courses with odd numbers normally are given in the first semester; those with even numbers, in the second semester. Courses numbered in the 100 series are open primarily to freshmen; in the 200 series, primarily to sophomores; in the 300 series, primarily to juniors; in the 400 series, primarily to seniors. Those in the 500 series are seminars.

All hyphenated courses must be taken for the full year. Students may not enter these in the second semester unless the first semester has been satisfactorily completed. In case of all other two-semester courses either may be taken although it is advisable for students to take the complete year.

ART

Mrs. Karniol
Miss Potteiger
Mr. Tamke

103 Art Appreciation — Ancient and Medieval

A general survey of sculpture, painting and architecture in Ancient Egypt, Mesopotamia, Asia Minor, Greece, Italy, and Northern Europe. The most important factors that have influenced the arts, such as religious belief, social, economic, political factors, geography, and climate will be studied. The purpose of this course is to supply elementary equipment for critical appreciation and the development of artistic taste.

Two hours. Two credits.

104 Art Appreciation — Renaissance Through Modern Times

A survey course designed to introduce the student to the history of painting, sculpture, and allied arts from the Renaissance to the present. The various schools of painting in Italy are studied together with the works of the master artists of Holland, Belgium, Spain, France, Germany, England, and America down to the art of today. This course is designed to develop fundamental principles of critical judgment.

Two hours. Two credits.

111 Oil Painting I

A studio course introducing the fundamental skills and techniques for the planning and execution of art through the medium of oil painting. Applied work in drawing, color, composition, and painting.

Two hours. Two credits.

112 Oil Painting II

Development of the student's painting skills from conservative realism to more contemporary concepts, composition, and a personal interpretation of nature. Prerequisite: 111.

Two hours. Two credits.

222 Advertising Art and Layout

An introduction to design and production in the graphic arts. Applied studio problems in planning and making posters, brochures, and booklets, with particular attention to layout, typography, and the use of illustrations.

Two hours. Two credits.

BIOLOGY

MR. DEMOTT
DR. PRESSER
MR. FULGHUM

Students majoring in Biology must complete a minimum of 24 hours of biology courses including 101-102 and 111-112. Students majoring in Biology must also minor in Chemistry, including Chemistry 101-102, 201, and 301-302, and must present the equivalent of Mathematics 101, 102, and 201. Biology majors expecting to do graduate work must consult their advisers concerning additional requirements.

101-102 Botany

A study of structure and physiology in higher plants with a consideration of typical life histories of flowering plants, conifers, ferns, mosses, fungi, and algae.

Two hours lecture, three hours laboratory each semester. Six credits.

111-112 Zoology

A study of the anatomy, physiology, classification, ecology and economic importance of the invertebrate animals. The sec ond part treats these same categories for vertebrate animals. The student is introduced to heredity, embryology, staining and evolutionary theory.

Two hours lecture, three hours laboratory each semester. Six credits.

201 Embryology

A comparative study of the normal development of the vertebrates. Prerequisite: 111-112.

Two hours lecture, six hours laboratory. Four credits.

202 Comparative Chordate Anatomy

A comparative study of chordate anatomy. Prerequisites: 111-112 and 201.

Two hours lecture, six hours laboratory. Four credits.

301 Microbiology

An introduction to the morphology, physiology, and taxonomy of microorganisms with emphasis upon the bacteria and related taxa. Basic bacteriological techniques are emphasized in the laboratory. Prerequisites: 101-102, 111-112, concurrent registration or completion of Chemistry 301-302.

Three hours lecture, four hours laboratory. Four credits.

302 Heredity

An introduction to the study of genetics. Prerequisites: 101-102 and 111-112.

Three hours. Three credits.

402 Physiology

An introduction to the study of physiology. Prerequisites: 101-102, 111-112, and concurrent registration or completion of Chemistry 301-302.

Three hours lecture, three hours laboratory. Four credits.

411 Histology

A study of the microscopic anatomy of the tissues and organs of mammals with a consideration of methods of preparing animal tissues for microscopic study. Prerequisites: 101-102, 111,112 and 202.

Two hours lecture, six hours laboratory. Four credits.

420, 421 Problems in Biology

An introduction to methods and techniques involved in biological investigation. Individual students under the direction of a staff member are encouraged to work on problems in which they are especially interested. Admission with consent of major adviser.

A conference and three to nine hours laboratory weekly each semester. One to three credits each semester.

500 Seminar

An informal course for majors. A variety of biological topics will be discussed or assigned for special reports. Special interests of individual students will be considered. Admission with consent of the instructor.

Two hours. One credit.

BUSINESS ADMINISTRATION

DR. ARMSTRONG
MR. INNERS
MR. RULE
MR. FLADMARK
MR. GRAYBILL
MR. COX

The following courses are required in the major fields.

Accounting: Business Administration 111-112, and 18 hours from among Business Administration 211, 212, 311, 312, 411, 412, 431, 452, and 504.

Economics: Economics 221-222, and 18 hours from among Economics 231, 311, 312, 341, 344, 361, 431, 441, 452, and 504.

Finance: Economics 221-222, and 18 hours from among Business Administration 232, 341, 351, 352, Economics 311, 312, and 344.

Marketing: Business Administration 111-112, and 18 hours from among Business Administration 222, 223, 241, 242, 362, 364, and Sociology 302.

In addition, Business Administration 332, 221 and 421 are required of all Business Administration students.

A Mathematics placement test will be given all Business Administration students during orientation week and the results will determine whether the student will take Business Mathematics or Mathematics of Finance.

101 Business Mathematics

The course reviews the fundamental operations of mathematics including selected topics from algebra, logarithms, exponents, and radicals. It presents percentage, discounts, simple and compound interest, insurance, stocks and bonds, payroll taxes, and annuities. Stress is laid on the practical aspects of mathematics with which business is principally concerned.

Three hours. Three credits.

111-112 Elementary Accounting

An introductory course emphasizing basic accounting principles and their applications. Original entries, the technique and classification of accounts, adjusting and closing entries, work sheets, controlling accounts, depreciation and bad debts allowance accounts, the voucher system, and basic financial statements are presented. In the second part of the course attention is given to elementary accounting as applied to partnerships and corporations, departmental trading accounts, branch accounts, manufacturing accounts, and to the analysis and interpretation of simple financial statements. The Orientation Test and Achievement Test, Level I, of the American Institute of Accountants will be required.

Three hours recitation, two hours laboratory each semester. Six credits.

114 Economic Geography

A study of the regional distribution of the world's population, resources, and industries with emphasis on points of special value to students of Business Administration.

Three hours. Three credits.

121-122 Business Law

A study of the law as it relates to business considering essential elements of a contract, agency, employer and employee, negotiable instruments, suretyship, insurance, bailments, carriers, sales, partnerships, corporations, deeds of conveyance, mortgages, landlord and tenant, wills, guardians, and rights in property which result from domestic relations. Some attention is given to torts, business crimes, and legal procedure.

Three hours each semester. Six credits.

211 Intermediate Accounting

Advanced corporation accounting, with emphasis on procedures in manufacturing accounting; accounting principles relating to cash, receivables, inventories, and current liabilities. Laboratory problems. Prerequisite: 111-112.

Three hours recitation, two hours laboratory. Three credits.

212 Intermediate Accounting

Accounting principles relating to the classification and valuation of tangible and intangible assets, and liabilities; accounting for investments; funds and reserves; statement analysis, and statement of application of funds. Accounting problems. Prerequisite: 211.

Three hours. Three credits.

214 Economic Geography of North America

Industries and resources of North America, their regional distribution, their effect upon the standard of living in the United States, and their importance to the rest of the world.

Three hours. Three credits.

221 Principals of Business Management

A study of scientific business management, including a consideration of the basic processes of administration such as planning, organizing, directing, and controlling business activities.

Three hours. Three credits.

222 Personnel Management

The course includes a study of the following: the development of personnel management, instruments of personnel control, education and training of the workers and the supervisory force, employee incentives, industrial democracy and social controls, and special problems in industrial relations.

Three hours. Three credits.

223 Insurance

This course deals with the economic and social values, the important principles and practices, and the principal legal phases of each of the common forms of insurance.

Three hours. Three credits.

229 Business Writing

A course in writing correct and effective business letters, reports, articles, and other forms of business communications. Prerequisite: English 101-102.

Three hours. Three credits.

232 Mathematics of Finance

Presents the underlying theory of investments. Emphasis is placed on interest, annuities, stocks and bonds, depreciation and capitalization. Auxiliary topics include basic algebra, logarithms, statistics and probability.

Three hours. Three credits.

241 Advertising

A study of the functions, forms, principles, and applications of advertising. It includes copy writing, layouts, and other factors in the preparation of advertisements; advertising media, advertising research, the economic significance of advertising, and related topics.

Three hours. Three credits.

242 Salesmanship

Principles and problems of salesmanship. A study is made of such subjects as the selling process, character and personality as related to salesmanship, and principles, methods, and concrete problems.

Three hours. Three credits.

311 Cost Accounting

Accumulation and analysis of cost data and their uses; control of material, labor, and manufacturing expense, including job order and process costs. Prerequisites: 211, 212. Alternates with 411.

Three hours. Three credits.

312 Standard Costs, Budgeting and Control

An integrated and comprehensive treatment of standard costs and budgeting. Study of controllership as a distinct business procedure, with emphasis on the function, control of operations, accounting reports, and administration of the controller's department. Alternates with 412.

Three hours. Three credits.

321 Machine Accounting

A course in the basic operating technique of office machines and their application to accounting procedures. Particular attention is given to adding and calculating machines, class exercises and laboratory work. This course will be limited to accounting and merchandising majors, Business Education and Secretarial students.

Two hours recitation, two hours laboratory. Three credits.

332 Corporation Finance

The course will consider the various principles of financing business organizations. Topics will include the various types of capital, the basis of capitalization, various types of securities, the

underwriting syndicate, distribution of surplus, receivership, and reorganization. Closed to seniors.

Three hours. Three credits.

341 Investments

A study of stocks, bonds, real estate, investment trusts, mortgages, and annuities as related to investments. It includes a consideration of objectives, institutions, sources of information, media, analysis of risks, returns, and other subjects.

Three hours. Three credits.

351 Advanced Business Law

Intended primarily for those who plan to enter the field of accounting. Includes a general review of contracts, corporations, and real property, and more intensive study in sales, negotiable instruments, security devices, and bankruptcy. Considerable attention is also given to regulation of specific sectors of the American economy by government administrative agencies.

Three hours. Three credits.

352 Real Estate Principles and Practices

Real estate principles and practices as they affect the property owner, the real estate broker, and the business man with consideration of the economic, financial, legal, and social aspects of the real estate field.

Three hours. Three credits.

362 Marketing

A study of the principles and practices involved in moving goods from the producers to the consumers. The case method of instruction will be used. Alternates with 364.

Three hours. Three credits.

364 Retail Merchandising

A presentation of the principles and practices dealing with the development, organization, operation, and merchandising techniques of retail business. The case method of instruction will be used. Alternates with 362. Not offered 1962-63.

Three hours. Three credits.

411 Advanced Accounting

Accounting theory and problems in relationship to partnerships, branch accounting, and corporation consolidations. Prerequisites: 211, 212. Alternates with 311.

Three hours. Three credits.

Heilman Music Hall is one of the finest facilities of its kind in the nation.

Historic Selinsgrove Hall, the original home of Missionary Institute, is now used exclusively for administrative purposes.

The Health Center houses complete facilities for students' health and medical care

An ailing ankle is taped in the Examining Room.

412 Problems in Advanced Accounting

Problems involving installment sales, consignments, receiverships, and taxation of corporations in Pennsylvania. Problems in taxation will be concerned principally with the Pennsylvania Corporate Net Income Tax. Open to juniors and seniors only. Alternates with 312.
Three hours. Three credits.

421 Business Statistical Methods

Methods of accumulating, presenting, and analyzing numerical data. Measures of central tendency and variability, probability, time series, types of business fluctuations, and measures of correlation will be examined.
Three hours. Three credits.

431 Auditing

Duties and responsibilities of an auditor, kinds of audits, audit practice, procedure, and reports. Practical problems and preparation of working papers. Prerequisites: 211, 212. Open to seniors only.
Three hours. Three credits.

432 Federal Tax Accounting

A study of the Federal Income Tax Law and Regulations covering taxable income of individuals and corporations. A brief study is also made of social security taxes. Practical problems and preparation of returns. Course begins upon return of accounting internees. Prerequisites: 211, 212.
Five hours. Three credits.

501 Problems in Business Management

A case method approach to an analysis of problems encountered by management. Specific emphasis will be on policy decisions affecting production, personnel, finance, and sales. Prerequisite: 221. Open to seniors only.
Three hours. Three credits.

502 Accounting Internship

Selected senior accounting majors work under the supervision of an accounting firm for six weeks, beginning immediately after completion of first semester examinations. Open to seniors only. Prerequisites: 211, 212, 431.
Six weeks. Two credits.

504 Seminar in Accounting

This course covers report writing and financial statement analysis with emphasis on advanced auditing including internal auditing and related problems. The student is expected to do considerable research in the literature of accounting. Course begins upon the return of accounting internees. Prerequisites: 211, 212, 431.

Five hours. Three credits.

BUSINESS EDUCATION

Miss Beamenderfer*
Miss McKenty

Detailed requirements for Business Education students are discussed on page 66.

101-102 Typewriting

Instruction and mastery of the keyboard and the mechanical features of the typewriter. Letter writing, tabulation, and the preparation of business papers are included.

Fours hours each semester. Four credits.

111-112 Gregg Shorthand

Instruction in the principles of shorthand with emphasis on both reading and writing. Dictation and transcription of practice letters.

Five hours each semester. Six credits.

201-202 Typewriting

Perfecting and making permanent the skill established in the first year. Speed and accuracy are emphasized. Practice in the writing of manuscripts, legal papers, stenciling, business letters, and papers are included. Prerequisite: 101-102.

Three hours each semester. Four credits.

211-212 Gregg Shorthand

Advanced work in shorthand. Includes dictation and transcription of business letters, technical matter, and radio addresses. Prerequisite: 101-102 and 111-112.

Three hours each semester. Six credits.

* On sabbatical leave 1961-62.

301 Medical Aid and Simple Nursing Techniques

This course is based on the American Red Cross First Aid Textbook. It is designed to aid the medical secretary in dealing with emergencies, and to provide a background of knowledge in sick-room procedure, mental and physical hygiene, and sanitation. Alternates with 313. Not offered 1962-63.

Two hours. One credit.

302 Medical Terminology

A study of the prefixes, suffixes, abbreviations, and definitions of medical terms. The student learns the vocabulary of medical, anatomical, pathological and scientific terms and studies the derivation and correct spelling and pronunciation of these terms. Alternates with 402. Not offered 1962-63.

Two hours. One credit.

312 Medical Shorthand

A study of technical medical terminology, prefixes and suffixes, phrases, and special outlines. Dictation and transcription of technical material.

Three hours. Three credits.

313 Medical Ethics and Office Procedure

Aims to provide an understanding of office and hospital ethics, the relation of the doctor and the patient, the various specialties in the field of medicine, and the business side of a doctor's office, dealing with such aspects as records, fees, accounts, the doctor and the law, and liability and insurance. This course is given for medical secretarial students. Alternates with 301.

Two hours. Two credits.

321 Business Education Methods

A critical study of objectives, psychological laws, underlying skills, organization of materials, tests, and standards of achievement. Special attention is given to the various methods of teaching shorthand, typewriting, and bookkeeping. The student is given practice in drawing up lesson plans and teaching. Prerequisites: 201-202, 211-212, and Business Administration 311. Alternates with 401. Not offered 1962-63.

Three hours. Three credits.

401 Office Practice

A general view of the function of the office in modern business and a systematic coverage of office routines. The uses and operating principles of various office machines are studied. Prerequisites: 201-202 and 211-212. Alternates with 321.

Three hours. Three credits.

402 Clinical Office Procedures

Deals with the practical aspect of the demands on a medical secretary. Includes the use of office equipment; sterilization, care and preparation of instruments. The student learns the use of the clinical thermometer, sphygmomanometer; and other simple techniques, such as chemical urine analysis, and preparation for examination and minor operations. Alternates with 302.

Two hours. Two credits.

414 The Business Curriculum

A comprehensive treatment of the business curriculum of the secondary school. The course will include such topics as the origin and development of the business curriculum, constructive criticisms of existing curricula, cardinal principles of business education, the curriculum and local conditions, and the construction of curricula. Lectures, reference assignments, and reports. Prerequisite: 321. Not offered 1962-63.

Three hours. Three credits.

CHEMISTRY

DR. BROWN
DR. HOUTZ

A student majoring in Chemistry must take 24 hours including 101-102, 201, 202 and 301-302. Those wishing to do graduate work in chemistry must consult the adviser concerning additional requirements.

A student who selects a minor in Chemistry must take at least 18 hours.

101-102 General Chemistry

The study of the fundamental concepts and principles concerning the physical and chemical properties of the elements and inorganic compounds. The second semester is concerned with solutions, colloids, physical and chemical equilibria, elementary metallurgy, fuels and plastics.

Three hours lecture, three hours laboratory each semester. Eight credits.

201 Qualitative Analysis

The principles of analysis are studied by considering the reactions of common cations and anions. The law of mass action will be treated rather extensively. The determination of the composition of alloys and compounds is required.

Two hours lecture, four hours laboratory. Three credits.

202 Advanced Inorganic Chemistry

A more intensive development of the basic principles and laws of chemistry. Emphasis will be placed on the quantitative development by means of problems and exercises wherever possible.

Two hours lecture, four hours laboratory. Three credits.

301-302 Organic Chemistry

Consists of drill in the basic concepts of organic chemistry along with a study of the properties of the aliphatic hydrocarbons and their derivatives. It further deals with a similar study of the alicylic and aromatic compounds. Numerous problems are given to illustrate the several types of reactions and relationship of the various classes of compounds.

Three hours lecture, four hours laboratory each semester. Eight credits.

330 Physical Chemistry

A study of the fundamental principles and their applications of physical and chemical types of equilibrium.

Two hours recitation, four hours laboratory. Three credits.

401-402 Quantitative Analysis

The fundamental principles and important commercial type of analyses procedures are studied. In the laboratory commercial products are analyzed by volumetric-type methods. It further includes the new and the specialized type of analyses procedures. Gravimetric type of analyses are made on industrial products.

One hour recitation, six hours laboratory each semester. Four credits.

412 Biochemistry

An introductory study of the chemical processes involving living animal matter.

Two hours recitation, three hours laboratory. Three credits.

420 Metallurgy

A study of the fundamental principles and their applications of physical metallurgy of iron and steel. The laboratory concerns a study of physical and chemical types corrosion.

Two hours lecture, three hours laboratory. Three credits.

431 Industrial Chemistry and Technology

A study of the important chemical and engineering processes and products.

Two hours lecture, three hours laboratory. Three credits.

CLASSICAL LANGUAGES — DR. BARLOW

GREEK

Courses 101-102 and electives beyond 101-102 to make a total of 24 hours are required for a major.

Courses 101-102 and electives beyond 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Greek

Emphasis will be placed on the acquisition of a knowledge of the fundamental principles of Greek grammar and syntax. Easy selections from Greek literature illustrating the grammar and syntax studied.

Four hours each semester. Six credits.

201-202 Intermediate Greek

During the first semester, a study of selected portions of the *Anabasis* of Xenophon against its background in Greek history. During the second semester, a study of Plato's *Apology* and *Crito*. Special consideration is given to the study of the character of Greek thought and the men who taught Greek youth the meaning of "reasoned truth." Prerequisite: 101-102.

Three hours each semester. Six credits.

301 New Testament Greek

A reading course designed primarily for candidates for the ministry and religious workers. A linguistic and historical interpretation of the New Testament. Selections from the historical and didactic literature are used. Prerequisite: 201-202. Alternates with 401. Not offered 1962-63.

Three hours. Three credits.

302 Greek Drama

One play of Sophocles and one play of Aeschylus will be read with special attention to their literary merit and their metric and scenic antiquities. Alternates with 402. Not offered 1962-63.

Three hours. Three credits.

401 Greek Drama

One play of Euripides and a play of Aristophanes will be read with special attention to their literary merit and their metric and scenic antiquities. Prerequisite: 201-202 or equivalent. Alternates with 301.

Three hours. Three credits.

402 Epic Poetry

Selections from Homer will be examined with special attention to developing facility in reading. The Greek *epos* is considered as an expression of the thought and general conditions of early Greek life. Alternates with 302.

Three hours. Three credits.

LATIN

Courses in advance of 101-102 including 401 and 402 to complete a total of 24 hours are required for a major.

Courses in advance of 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Latin

A study of pronunciation, essential forms, and the principles of syntax. The aim of this course is to develop as quickly as possible an ability to read Latin in simple texts.

Four hours each semester. Six credits.

201-202 Intermediate Latin

Selected writings of Cicero with supplementary reading in English. Also included is Vergil's *Aeneid* including a study of the poem as a whole, its sources, poetical diction and its mythological background. Prerequisite: two years of high school Latin or 101-102.

Three hours each semester. Six credits.

301, 302 Ovid, Catullus and Vergil

Selected portions of the works of Ovid and Catullus and of Vergil's *Eclogues* and *Georgics*. Special attention will be given to the various types of poetry represented in the writings of these authors. Prerequisite: 201-202 or four years of high school Latin.

Three hours each semester. Three credits each semester.

311 Livy

Selections from Livy. Special attention will be given the study of early Roman history as it is revealed in the works of Livy. Prerequisite: 201-202 or four years of high school Latin. Not offered 1962-63.

Three hours. Three credits.

312 Roman Drama

One play each of Plautus, Terence and Seneca will be read. These will be studied with special attention to their literary merit and their influence on later drama. Prerequisite: 201-202 or four years of high school Latin. Not offered 1962-63.

Three hours. Three credits.

321 Horace

Selections from Horace's *Odes, Epodes, Satires,* and *Epistles*. A study of Horace as a satirist, philosopher, lyric poet, and literary critic by a representative study of his works. Prerequisite: 201-202 or four years of high school Latin. Not offered 1962-63.

Three hours. Three credits.

322 Lucretius

Selections from Lucretius' *On the Nature of Things*. A study of Lucretius' philosophical ideas and also of other ancient philosophical systems. Prerequisite: 201-202 or four years of high school Latin. Not offered 1962-63.

Three hours. Three credits.

401 Tacitus

Selections from Tacitus' historical works. Special attention will be given to a study of the history of the early empire as it is revealed in the historical works of Tacitus. Prerequisite: at least 6 credits from 301, 302, 312, 321, 322. Offered as needed.

Three hours. Three credits.

402 Latin Prose Composition

A review of forms and of principles of syntax, drill in writing Latin, and a study of Latin style and idioms. Prerequisite: at least 6 credits from 301, 302, 311, 312, 321, 322. Offered as needed.

Three hours. Three credits.

DRAWING

Mr. Hindman

101 Engineering Drawing

Freehand lettering, use of instruments, geometric construction, freehand sketching, orthographic projection including auxiliary views, sectioning, axonometric projection.

Six hours. Two credits.

ECONOMICS

Dr. Futhey
Dr. Armstrong

Economics 221-222, 421 and 15 hours from among Economics 231, 311, 312, 344, 431, 441, 452 and 502 are required for a major.

Economics 221-222, 421 and 9 hours from among Economics 231, 311, 312, 344, 431, 441, 452 and 502 are required for a minor.

221-222 Principles of Economics

A study of the existing economic order and basic economic principles and problems. Deals with production, value and price, exchange, distribution, consumption and saving, and income and expenditures of government with reference to goods and services. This course is a prerequisite for all advanced courses in Economics.

Three hours each semester. Six credits.

231 Labor Problems

This is a study of labor problems from the viewpoint of the employee, the employer, and the public. Recent laws relating to social insurance, pensions, wages, and child and woman labor will be considered. Special consideration will be given to labor organizations and their activities.

Three hours. Three credits.

311 Money and Banking

A study of the nature, functions, principles, and problems of money, credit, and banking. Special attention will be given to price levels, industrial depressions, international exchange, and government regulation of money and banking.

Three hours. Three credits.

312 National Income Analysis

A study of the flow of national income and money in the economy through a detailed examination of the national income account.

Three hours. Three credits.

344 Public Finance

The study of public expenditures and revenues, principles of taxation, government enterprises, public budgets, and fiscal policy.

Three hours. Three credits.

421 Business Statistical Methods

See Business Administration 421.

Three hours. Three credits.

431 International Trade and Policy

A study of the basic theory and major institutions of international economic relations. Examines critically the technique and background of protectionism and free trade, foreign trade promotion, monetary and exchange policy, and international economic organization and cooperation. Includes the balance of payments, foreign exchange, and international banking.

Three hours. Three credits.

441 History of Economic Thought

The development of economic concepts and schools of economic thought from earliest times to date.

Three hours. Three credits.

452 Comparative Economic Systems

A comparative study of present economic, political, and social doctrines of the free enterprise system, socialism, communism, and fascism.

Three hours. Three credits.

502 Intermediate Economic Theory

The course is designed particularly for those students interested in graduate study and economic research. Prerequisites: 221-222 and 6 additional hours in Economics.

Three hours. Three credits.

EDUCATION

MR. BASTRESS
DR. LYLE

The requirements for certification to teach in the secondary schools are as follows:

PENNSYLVANIA

I. Basic Requirements

The provisional college certificate is issued to an applicant who has completed an approved teacher education curriculum and has been granted a baccalaureate degree in an accredited college or university.

II. General Education Requirements

A. A minimum of sixty (60) semester hours of acceptable courses in general education with not less than twelve (12) semester hours in the humanities and not less than six (6) semester hours in the social sciences and not less than six (6) semester hours in a laboratory science.

B. Courses taken under general education may be used toward certification in the individual's teaching field.

III. Professional Education Requirements

A. A minimum of eighteen (18) semester hours of approved professional education courses distributed as follows:

social foundations of education
educational psychology and human growth and development
curriculum, materials and methods of instruction
not less than six (6) of the eighteen (18) semester hours must be in student teaching and actual practicum in

the areas of methods and materials of instruction and curriculum. Student teaching shall relate to the subject matter specialization field or fields.

IV. Subject Matter Specialization Requirements

The minimum college semester hours required for certification of secondary school teachers in academic subjects is as follows:

1. Foreign language, history, history and government, mathematics, biology, chemistry, physics (24 semester hours).
2. English (36 semester hours)
   A certificate valid in English will also include reading when a minimum of six (6) semester hours has been completed in remedial and developmental reading.
3. General Science (24 semester hours)
   The completion of 24 semester hours in any two or all of the sciences will provide certification to teach general science in grades 7, 8, and 9.
4. Comprehensive Science Certificate (40 semester hours)
   This certificate is valid for teaching all the sciences and may be issued upon the completion of 40 semester hours with not less than 8 semester hours in each of the following: biology; chemistry and physics; and not less than 6 semester hours in earth sciences (astronomy, geology and meteorology); and not less than 3 semester hours in mathematics.
5. Social Studies (36 semester hours)
   This certificate requires a minimum of 36 semester hours distributed in the following areas: history, geography, government, economics, and sociology and/or anthropology.
6. For specialized curricula in Business Education and Music Education see pages 66 and 70.

Those who are planning to teach must declare their intention to the Registrar during the second semester of the sophomore year and meet the qualifications of the Committee on Teacher Education. One of the requirements necessary for approval by the Committee is that the student must have an average grade of "C" for the freshman and sophomore years. After being approved the teacher candidate must continue to maintain at least a "C" average

during the junior and senior years or be dropped as a teacher candidate. Once a student has lost this approval he may re-apply when his quality point deficiency is corrected. Unless special permission is granted by the instructor, only students who have been approved by the Committee on Teacher Education may enroll in teacher education courses. Educational psychology, open to all students, is an exception.

No teacher candidate will be recommended for state certification if he has any grade below "C" in his teaching major.

The curriculum is set up to meet the requirements for teaching in the State of Pennsylvania. Those who wish to be certified in states other than Pennsylvania must notify the Registrar not later than the end of the sophomore year. Information concerning certification for other states may be obtained from the Department of Education. It is the responsibility of students planning to teach in states other than Pennsylvania to meet the various requirements.

201 Social Foundations of Education

This course is designed to show the social forces that influence education. Materials selected from the fields of sociology, anthropology, economics and political science that have an impact on education will constitute the major part of the course.

Three hours. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning, motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: Psychology 201.

Three hours. Three credits.

301 History of Education

A study of the historical development of education in America and Europe. The major emphasis will be placed upon the use of the historical method as an approach to the study of present day problems that face American education in a democratic society. A brief review will be made of the European educational scene.

Three hours. Three credits.

302 Techniques of High School Teaching

This course will cover the principles and practices that are identified with successful teaching in the secondary school. Students will teach demonstration lessons in their major field before the class. Special methods of teaching applied to the specialized field for which the student is preparing will be stressed. Required of all Liberal Arts juniors entering the teaching field.

Three hours. Three credits.

308 Tests and Measurements

See Psychology 308.

Three hours. Three credits.

311 Secondary Education

This course will analyze the basic principles and practices of the secondary school as they affect the student, the teacher, and the curriculum. Major attention will be given to the curriculum in the American secondary school and will also include a comparative study of European secondary education.

Three hours. Three credits.

321 Developmental and Remedial Reading I

The prevention and detection of reading disabilities, diagnosis and basic skills. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisites: Psychology 201, 211.

Three hours. Three credits.

322 Developmental and Remedial Reading II

The prevention and detection of reading disabilities and their correction. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisite: 321.

Two hours lecture, two hours laboratory. Three credits.

400 Student Teaching

This course requires observation and student teaching in nearby schools under the supervision of a public school teacher and a college supervisor. Students in this course are also required to attend a weekly conference throughout the year for discussion of teaching problems, school law and other reports. A laboratory fee is charged. Students in Liberal Arts, Music Education, and Business Education who

plan to teach should plan slightly heavier schedules in their sophomore and junior years so that one semester in their senior year will require scheduling no more than 10 semester hours plus student teaching. Either the forenoon or the afternoon must be free from campus classes to do student teaching.

Six hours. Six credits.

404 Educational and Vocational Guidance

See Psychology 404.

Three hours. Three credits.

ENGLISH

Dr. Rahter
Dr. Nary
Mrs. McCune
Mr. Curtis
Mrs. Reimherr
Mr. Safford
Miss Apalian
Mr. Deans

All majors in literature are required to take 201, 202, 341, 351, 352, 411, and 412. In addition, two courses must be selected from each of the following groups: Group I (Authors), 332, 362, 501, 502, 503; Group II (Literary Types), 311, 312, 321, 322, 421, 422, 504; Group III (Literary Periods), 331, 361, 431, 432.

All minors in literature are required to follow the program outlined for the majors except that one additional course (instead of two additional courses) must be taken from each of the three groups listed.

All minors in composition are required to take the following courses: 211-212, 228, 301, 302, 341, 401, 402.

All minors in theatre are required to take the following courses: 219, 220, 221-222, 225-226. In addition, a minimum of six credits must be selected from 311, 312, 411, 412, 504.

101-102 Composition

A study of the principles of good writing. The first semester includes the careful reading of selected essays and written exercises thereon; the emphasis is upon exposition. The second semester is an

introduction to the chief literary genres, with written work in the form of essays in analysis and criticism. Instruction in the use of the library is an integral part of the course.

Three hours each semester. Six credits.

201, 202 Survey of English Literature and Language

The historical study of the development of English literature in its various forms and movements. The first semester covers the period from 449 to the beginning of the Romantic Movement. The second semester covers the 19th century.

Three hours each semester. Three credits each semester.

211-212 Journalism

An introduction to newspaper work, with specific practice in reporting, editorial writing, feature article writing, make-up, and other activities connected with the weekly college newspaper, *The Crusader*. Credit given to sophomores, juniors, and seniors.

One hour each semester. Two credits.

219 The Arts of The Theatre

After a study of the arts of the playwright, actor, director, and designer, attention is turned to the forms of opera, musical comedy, film, and television.

Three hours. Three credits.

220 The Theatre of The Western World

A study of the chronological development of the theatre of the Western World as a performing art.

Three hours. Three credits.

221-222 Acting

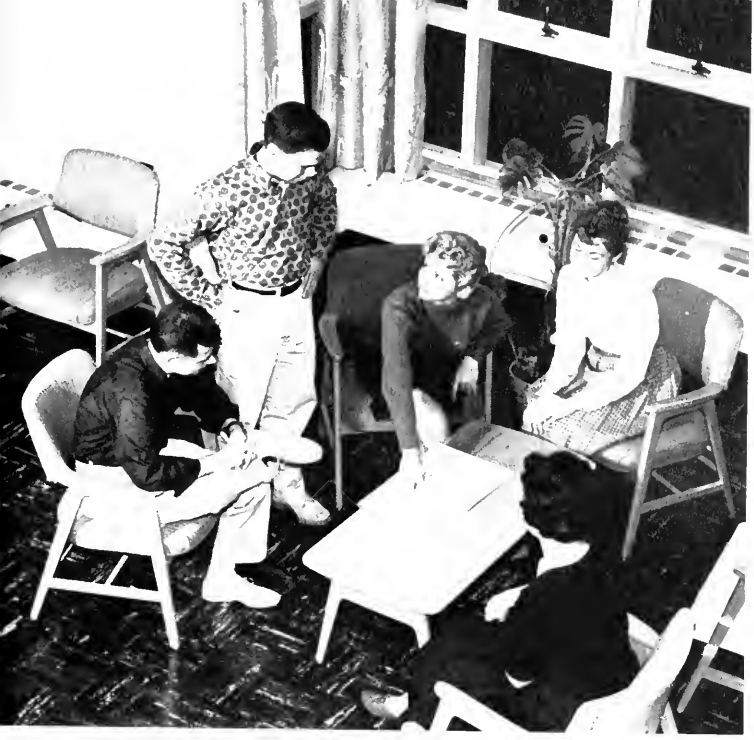
An introduction to theories and techniques of acting. Students perform scenes from plays in class. Alternates with 225-226. Not offered 1962-63.

Three hours each semester. Six credits.

225-226 Directing

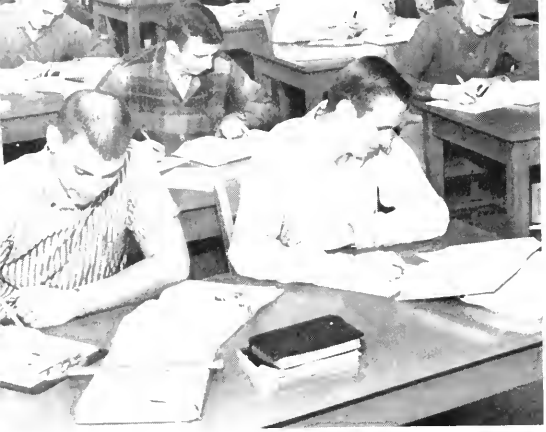
An introduction to theories and techniques for producing plays. Includes specific study in the areas of play selection, casting, rehearsals, costumes, scenery, make-up, and lighting. Students direct scenes from plays. Prerequisite: 221-222, or by permission of the instructor. Alternates with 221-222.

Three hours each semester. Six credits.



A group of music students discusses a score.

Four all-weather tennis courts adjoin University Field.



Classrooms are modern and well-equipped.

Faculty-student ratio, about 1:13, provides small classes and good learning situations.

Biology classes use high-powered microscopes.

228 Public Speaking

Fundamentals and practice in speaking to an audience. Emphasizes content and delivery.

Three hours. Three credits.

301, 302 Advanced Composition

During the first semester emphasis is placed upon expository writing with practice in various types of formal and informal essays culminating in the research paper. In the second semester, practice is centered upon imaginative writing in drama, fiction, and verse both for printed and radio use. The course is required for composition minors and pre-theological students. Open to others by permission of the instructor.

Three hours each semester. Three credits each semester.

311 English Drama Before 1900

The historical background, development, and technique of drama as a literary form excluding the works of Shakespeare. Alternates with 421. Not offered 1962-63.

Two hours. Two credits.

312 Modern English Drama

A reading course which is centered essentially upon British drama from 1890 to the present day, but also includes a few American and Continental plays of the same period in order to show historical trends. Emphasis is placed upon an aesthetic and critical approach. Alternates with 422. Not offered 1962-63.

Two hours. Two credits.

321 English Novel Before 1900

The historical background, development, and technique of the novel as a literary form, largely during the 18th and 19th centuries.

Two hours. Two credits.

322 Modern English Novel

The reading of a group of novels representative of phases of development in the British novel from Henry James to the present day including the American novel.

Two hours. Two credits.

331 Eighteenth Century Literature

A study of the literature dating from the Restoration to 1800, excluding the works of Wordsworth and Coleridge. Prose is stressed. Not offered 1962-63.

Three hours. Three credits.

332 Chaucer

A study of the works of Chaucer, with attention given to the language of Middle English. Not offered 1962-63.
Two hours. Two credits.

341 The English Language

A study of modern American grammar and usage. Emphasis is placed on the historical background of English, its sentence patterns, and its grammar, combined with the reading and discussion of selected essays by contemporary linguists on the problems of grammar and usage. Written exercises are an integral part of the course.
Three hours. Three credits.

351, 352 American Literature

The historical study of the various forms and movements of our native writing. The first semester covers the colonial, revolutionary, and national periods up to 1890 and the beginnings of realism. The second semester deals with the Age of Realism and continues to the present.
Two hours each semester. Two credits each semester.

361 Seventeenth Century Literature

Nondramatic literature, exclusive of the works of Milton, through the Restoration, with emphasis on the prose of Bacon, Browne, and Locke and on the poetry of Donne, Jonson, and Dryden.
Three hours. Three credits.

362 Milton

The chief poetical writing of John Milton will be carefully studied, along with selections from his prose works.
Two hours. Two credits.

401, 402 Creative Writing

During each semester the student will select one form of writing in which he desires to develop proficiency, such as full-length or one-act plays, a series of short stories, a series of essays, poetry, or a novelette. The work will be carried on largely through individual consultation with the instructor. Prerequisite: 301, 302.
Two hours each semester. Two credits each semester.

411, 412 Shakespeare

During the first semester particular study is given to the plays before 1600, comprising principally the comedies and the histories of the first two periods of Shakespearean composition. The second semester emphasizes the plays after 1600: the great tragedies and bitter comedies of the third period as well as the tragicomedies of the last period of Shakespearean composition.

Two hours each semester. Two credits each semester.

421 English Poetry Before 1900

The historical background, development, and technique of poetry as a literary form including the ballad, the romance, the epic, sonnets, odes, descriptive lyrics, dramatic monologues, and society verse. Alternates with 311.

Two hours. Two credits.

422 Modern English Poetry

A reading course in modern British and American poetry, starting with the Age of Realism, with an aesthetic and critical approach. Alternates with 312.

Two hours. Two credits.

431 The Romantic Movement

Poetry and prose from 1786 to 1830, with the major emphasis upon the work of Wordsworth, Coleridge, Lamb, DeQuincey, Shelley, Byron, Keats, and Hazlitt.

Three hours. Three credits.

432 Victorian Literature

A study including poetry by Browning, Tennyson, and Arnold and prose by Carlyle, Macaulay, Arnold, Mill, Newman, and Huxley.

Three hours. Three credits.

501 Seminar: Joseph Conrad

Selective reading from the four periods of the author's works, with attention to biography, style, narrative method, and theme. Use is made of student reports and discussion. Alternates with 503. Not offered 1962-63.

Two hours. Two credits.

502 Seminar: Charles Dickens

A course similar to 501 with attention to the social significance of the Dickensian canon. Alternates with 504. Not offered 1962-63.

Two hours. Two credits.

503 Seminar: Shakespeare

A course in the nondramatic poetry of Shakespeare. A study is made of the sonnets and the long, narrative poems, with emphasis upon their autobiographical nature. Alternates with 501.

Two hours. Two credits.

504 Seminar: American Drama

A selective study of American plays and playwrights from the beginning to the present day. Emphasis is placed upon the most successful plays of the American stage. Alternates with 502.

Two hours. Two credits.

GREEK

See Classical Languages

HISTORY AND POLITICAL SCIENCE

Dr. Russ
Dr. Mailloux
Dr. Power
Dr. Reuning
Mr. Elkington

Students majoring in History must present at least 24 semester hours exclusive of 101, 102. These must include 6 hours of Political Science, 6 hours of American History, and 6 hours of European History to be chosen from 311, 312, 313 and 314. Substitutions will be allowed only by permission of the department. Students desiring to teach in Pennsylvania must take 201, 202 in lieu of 211, 212. No student may take both of these courses.

A minor in History requires 18 semester hours exclusive of 101, 102. These must include 6 hours of American History and 6 hours of European History. Three hours of European History may be elected from 321, 324, or 412.

Students majoring in Political Science must present at least 24 semester hours. These may include History 421, 422. A minor in Political Science requires 18 semester hours.

HISTORY

101, 102 History of Civilization

A study of major civilizations with emphasis on their contributions to our own. It is to be scheduled by all Liberal Arts freshmen except pre-medical, pre-engineering, science, and mathematics majors. Closed to juniors and seniors except by permission of the Dean.

Three hours each semester. Three credits each semster.

201, 202 History of the United States and Pennsylvania

A course in American history required by the State Council of Education for those who plan to teach in the public schools of Pennsylvania.

Three hours each semester. Three credits each semester.

211, 212 History of the United States

A narrative history which begins with the discovery of America and carries the story to the present.

Three hours each semester. Three credits each semester.

311, 312 The History of Europe 1500-1815

A survey of the history of Europe from the Renaissance to the defeat of Napoleon at Waterloo. The course will place stress on the history of the continental nations of Europe and cover such topics as the Renaissance, the Reformation, the Age of Louis XIV, the 18th Century, theFrench Revolution and Napoleon. Not offered 1962-63.

Three hours each semester. Three credits each semester.

313, 314 Europe 1815 to the Present

An analysis of the history of Europe from the fall of Napoleon to the end of World War II. The first part will deal with the period until 1914 while the second part will cover both World Wars and the intervening period.

Three hours each semester. Three credits each semester.

321 History of England

A political and social history of Great Britain from the Roman occupation to the present.

Three hours. Three credits.

323 Ancient History

A study of the social, economic, political and intellectual history of the Mediterranean world from earliest times to the decline of Rome.

Three hours. Three credits.

324 Medieval History

The social, political, economic, and ecclesiastical history of Western Europe from the decline of the Roman Empire to the end of the thirteenth century.

Three hours. Three credits.

325, 326 History of East Asia

An analysis of the major civilizations of East Asia, dealing with geographic settings, historical developments, society, government, philosophy and religion, from the prehistoric to the modern. Not offered 1962-63.

Three hours each semester. Three credits each semester.

327, 328 History of Indian and Southeast Aasia

A study of the historical background of India, Pakistan and the countries of Southeast Asia. An analysis of the geographic settings, and the various developments of society, philosophy, and religion.

Three hours each semester. Three credits each semester.

361 Economic History of the United States

A study of the history of manufacturing, agriculture, transportation, communication, banking, internal commerce, and related topics within the United States. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

401 The American Frontier

A study of the influence of the West upon American history in accordance with the Turner theory. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

411 Imperial Russia

A general survey of Russian history from the Kievan Period to the establishment of the Soviet Government. Open to juniors and seniors.

Three hours. Three credits.

412 History of the Soviet Union

A study of the internal political development, economic growth, scientific development and foreign relations of the Soviet Union. Open to juniors and seniors.

Three hours. Three credits.

421, 422 Diplomatic History of the United States

A study of the foreign relations of the U.S. from the American Revolution to the present time. The first part will cover the period to 1914 while the second part will be a discussion of events from 1914 to the present day. Limited to juniors and seniors.

Three hours each semester. Three credits each semester.

POLITICAL SCIENCE

201-202 American Government

A study of federal government during the first semester; state and local government during the second semester.

Three hours each semester. Six credits.

301 International Relations

A study of the relations of nations: power, diplomacy, propaganda and political warfare, imperialism, war, balance of power, international law and organization, foreign policy. Not open to freshmen.

Three hours. Three credits.

352 Political Theory

An historical survey and analysis of ancient, medieval, and modern political thought, with special emphasis on the modern period. Open to juniors and seniors. Not offered 1962-63.

Three hours. Three credits.

403 American Political Parties and Pressure Groups

A discussion of the origin, development, and present status of political parties and pressure groups in the United States. Prerequisite: 201-202. Not offered 1962-63.

Three hours. Three credits.

413 Comparative Governments

A comparative survey of the development of contemporary government in Great Britain, France, the U.S.S.R., East and West Germany. Open to juniors and seniors.

Three hours. Three credits.

MATHEMATICS

DR. ROBISON
MR. HINDMAN
MR. HERB

101, 102, 201, 211-212 and six additional hours are required for a major. 101, 102, 201, and 211-212 are required for a minor.

101 College Algebra

An introduction to the study of elementary algebraic functions, the solution of equations, progressions, permutation combinations, probabilities and determinants.
Five hours. Three credits.

102 Trigonometry

The study of the trigonometric functions and logarithms with application to triangles.
Three hours. Three credits.

201 Analytic Geometry

A study is made of systems of coordinates and the relation between equations and loci. Prerequisites: 101, 102.
Five hours. Four credits.

203 Modern Algebra

Algebra is considered from the modern mathematical point of view. Various basic systems, such as groups, fields, and rings, are derived, interpreted, and applied.
Three hours. Three credits.

211-212 Calculus

The concepts and fundamental formulae of differentiation and integration are studied and applied to problems involving maxima and minima, lengths, areas and volumes. Prerequisite: 201.
Five hours each semester. Eight credits.

301 Introduction to the Theory of Algebraic Equations

Complex numbers, numerical equations, solution of cubic and quartic equations, system of linear equations, and determinants are studied.
Three hours. Three credits.

302 Mathematical Statistics

An introduction to the theory of statistics; frequency functions, moment generating functions, the estimation of parameters, and the testing of hypotheses. Prerequisite: 211-212.

Three hours. Three credits.

311 Differential Equations

A study of the formation and geometrical meaning of differential equations and the standard methods of solution. Prerequisites: 201, 211-212.

Three hours. Three credits.

325 History of Mathematics

A survey of the evolution of mathematical thought; special attention is paid to crises in mathematics and to outstanding problems, both solved and unsolved. Prerequisite: 211-212. Not offered 1962-63.

Three hours. Three credits.

332 Mathematical Logic

An introduction to the propositional and predicate calculi, the logical foundations for deductive studies in general and mathematics in particular.

Three hours. Three credits.

401-402 Advanced Calculus

A study of the theoretical aspects of calculus, with particular emphasis on infinite processes and the concepts of limit and continuity. Prerequisites: 201, 211-212.

Three hours each semester. Six credits.

403 Partial Differential Equations

A study of the formation and solution of partial differential equations of the first and second order. Not offered 1962-63.

Three hours. Three credits.

404 Projective Geometry

This course is a synthetic treatment of the elements of projective geometry. Prerequisite: 201.

Three hours. Three credits.

405 Vector Analysis

A first course in vector analysis with application to geometry and physics. Prerequisites: 201, 211-212. Not offered 1962-63.
Three hours. Three credits.

426 Computers and Computer Programming

A mathematical discussion of modern, high speed computers; particular emphasis is placed on the theory and practice of communication with these computers. Not offered 1962-63.
Three hours. Three credits.

MODERN LANGUAGES

DR. GILBERT
MISS KLINE
MISS KEGLER
DR. GAJIC
MR. RE
DR. HARRISON

A major in French, German, or Spanish must take 24 hours beyond 101-102. A minor in French, German, or Spanish must take 18 hours beyond 101-102. A student planning to teach must include 405-406. 201-202 or the equivalent is the prerequisite for any advanced course in any foreign language.

Students choosing a French, German, or Spanish major are urged to elect a minor in another foreign language. It is also recommended that they take courses in history, art, philosophy, and in other literatures.

FRENCH

101-102 Elementary French

A course in pronunciation, in the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple French.
Four hours each semester. Six credits.

201-202 Intermediate French

A careful review of grammar. Practice in speaking and writing French with emphasis on the reading of short stories and plays. Prerequisite: 101-102.
Three hours each semester. Six credits.

301, 302 French Literature of the 17th Century

A study of the origin and development of French classicism. The first part is devoted to readings in prose and poetry. The second part is a study of comedy and tragedy.

Three hours each semester. Three credits each semester.

401, 402 French Literature of the 19th Century

A study of Romanticism, Realism, Naturalism, Impressionism, and all the literary movements of the 19th century with readings of important writers of the period. Not offered 1962-63.

Three hours each semester. Three credits each semester.

405-406 French Composition and Conversation

A course to enable the student to write and speak French as fluently as possible. Practice in pronunciation and drill in the use of common idioms and current grammatical usage. Not offered 1962-63.

Three hours each semester. Six credits.

411-412 French Literature of the 20th Century

An introduction to the dramatists, novelists, and poets of the first half of this century.

Three hours each semester. Six credits.

GERMAN

101-102 Elementary German

A course in the minimum essentials of grammar to make possible a good reading knowledge of the language, including practice in simple conversation. Reading of simple stories with attention to their folklore, history, and characteristic atmosphere.

Four hours each semester. Six credits.

201-202 Intermediate German

Modern Novellen, poetry, and other works of medium difficulty will be read. Every effort will be made to increase the student's active vocabulary by means of composition and conversation. The reading of works outside the classroom aids in increasing the understanding of printed German. Prerequisite: 101-102.

Three hours each semester. Six credits.

301, 302 German Drama of the 19th Century

Emphasis will be placed upon romanticism, realism, and naturalism, the characteristic literary attitudes of the period. The drama will be interpreted also as the outgrowth of the personality of such writers as Kleist, Grillparzer, Hebbel, Wagner and Hauptmann. Alternates with 311, 312. Not offered 1962-63.

Three hours each semester. Three credits each semester.

311, 312 The German Novelle of the 19th Century

The development of this form will be traced by the reading of important Novellen of each literary trend of the 19th century. Alternates with 301, 302.

Three hours each semester. Three credits each semester.

401, 402 German Literature of the 18th Century

Representative works of the period will be read to reveal the personality of such writers as Lessing, Goethe and Schiller, and to show the development of sentimentalism, storm and stress, classicism and romanticism. Alternates with 405-406. Not offered 1962-63.

Three hours each semester. Three credits each semester.

405-406 German Composition and Conversation

A course to give the student an excellent working knowledge of German grammar and to increase his ability to use the spoken and the written word. The work will be based largely on texts dealing with the common idiom and with German life, history and art. Alternates with 401, 402.

Three hours each semester. Six credits.

RUSSIAN

101-102 Elementary Russian

A course in pronunciation and the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple Russian.

Four hours each semester. Six credits.

201-202 Intermediate Russian

Further study of grammar and additional practice in reading and conversation, with emphasis on vocabulary building. Every effort will be made to increase the student's ability to read, speak, and understand Russian.

Three hours each semester. Six credits.

SPANISH

101-102 Elementary Spanish

A course in pronunciation, grammar, reading, writing and speaking simple Spanish. Some time is devoted to the introduction to Spanish civilization and culture.

Four hours each semester. Six credits.

201-202 Intermediate Spanish

A course in grammar, conversation and reading of Spanish and Spanish-American prose. Prerequisite: 101-102.

Three hours each semester. Six credits.

301-302 Spanish Theater of the 19th and 20th Centuries

Study of dramatic works from the neoclassicists to the present. Action, themes, characters, and staging of each work will be analyzed in relation to the spirit of the epoch or movement they represent. Not offered 1962-63.

Three hours each semester. Six credits.

305, 306 Spanish Golden Age Literature: Cervantes and the Drama

Study of the chief Spanish dramatists with readings of representative plays of this period. The life and thought of Cervantes with special emphasis on his *Quijote.*

Three hours each semester. Three credits each semester.

401-402 Spanish Prose and Poetry after 1850

A critical study of literary movements since 1850 with emphasis on the Generation of 1898 and "Modernismo." Collateral reading, reports, and discussion. Not offered 1962-63.

Three hours each semester. Six credits.

403-404 Great Figures of Spanish-American Literature

Lectures, readings, and discussion of the works of Sor Juana Inés de la Cruz, Juan Ruiz de Alarcón, Garcilaso de la Vega, Bello, Heredia, Sarmiento, Martí, Darío, and others.

Three hours each semester. Six credits.

405-406 Spanish Composition and Conversation

Intensive study of grammar. Oral and written themes, letters, class conversation and ear-training are stressed.

Three hours each semester. Six credits.

MUSIC

MR. BILLMAN
MR. HATZ
MRS. GIAUQUE
MRS. HATZ
MISS POTTEIGER
MR. MAGNUS
MRS. ALTERMAN
MR. DEIBLER
MR. STEFFY
MR. WEIKEL

Detailed requirements for Music students are discussed beginning on pages 63 and 70.

Students desiring a minor in Music must take 111-112, 211,212, 311, 321 or 322, plus three hours of general music, and 2 years of private lessons.

101 Introduction to Music

An introduction to music aims to increase one's listening pleasure. The course will develop an appreciation and understanding of music through a glimpse at underlying elements essential to the art of music, considering factors of style and historical setting which identify the masterpiece and individuality which stamps the work as original. Not open to Music majors.

Three hours. Three credits.

103-104 Introduction to Music Literature

This course provides a general introduction to concepts of style, structure, and historical significance, with the musical experience always serving as the focal point of all study.

Three hours each semester. Six credits.

111-112 Theory I

A study of the materials of diatonic harmony and simple modulation with an emphasis on keyboard work and analysis. The materials include all diatonic triads and seventh chords and some of the simpler chromatic chords. Classroom work includes rhythmic, melodic, intervallic and harmonic dictation; sight-singing utilizing the solfege syllables and the conductor's beat; elementary keyboard harmony during the second semester with an emphasis on improvising simple accompaniments to a given melody and effecting modulations at the keyboard.

Five hours each semester. Six credits.

121 Eurythmics

This course aims to enrich and develop the student's musical experience by stimulating his bodily responses. He learns to interpret meter, rhythm, and phrasing.

Two hours. One credit.

122 Folk Dancing

Purpose of this course is to develop, through dancing the dances of different peoples and nations, a keener artistic and humanistic appreciation of their physical and emotional expression with a knowledge and understanding of their music. It also provides a teaching background in well-known and typical folk dances.

Two hours. One credit.

201-202 History and Music Literature

The significance and far-reaching importance of contributions, the general style of each period, and individual styles of composers are evaluated in the perspective of history. Masterpieces of our musical heritage are heard and related to the background discussion. Prerequisite: 101 or 103-104.

Three hours each semester. Six credits.

211-212 Theory II

A course in the more important chromatic devices employed by the 19th century romantic composers. Study is made of 18th century contrapuntal devices. Standard works of 18th century contrapuntal and 19th century harmonic literature are analyzed. Classroom work in advanced dictation, including melodic, rhythmic, harmonic and intervallic dictation and dictation in two simultaneous parts. Emphasis on sight-singing and rhythmic coordination. A continuation of keyboard improvisation using more difficult accompaniment patterns and chorale melodies. Prerequisite: 111-112.

Five hours each semester. Six credits.

301 Methods and Materials I

The work covered includes music material and classroom procedures suitable for the elementary, junior and senior high schools.

Three hours. Three credits.

302 Methods and Materials II

A study of the methods, materials and problems involved in the instruction of instrumental music in the elementary, junior and senior high school.

Three hours. Three credits.

311-312 Theory III

The structural organization of music is examined in detail, with analysis of small and large forms drawn from standard literature of the 18th-20th centuries. Prerequiste: 211-212.

Two hours first semester, three hours second semester. Five credits.

321 Choral Conducting

This course emphasizes rehearsal techniques for accompanied and *a cappella* vocal ensembles. The music of various styles and periods is studied, and vocal problems encountered in the development of choral groups are discussed.

Three hours. Three credits.

322 Instrumental Conducting

Techniques and materials of conducting instrumental organizations are considered. Development of baton technique, score reading, orchestral playing, psychology of rehearsing ensembles of varied size and personnel, and literature adapted to public school work are emphasized.

Three hours. Three credits.

400 Student Teaching

See Education 400

Six hours. Six credits.

411-412 Counterpoint

A study of 18th century contrapuntal technique involving the evolution of melodic lines from a preconceived harmonic pattern. The species of contrapuntal technique and the Bach figured chorale are the bases of study. Included are canon, invertible counterpoint, the writing of two- and three-part inventions, and fugue writing. Analysis of illustrative material taken from the contrapuntal literature. Prerequisites: 111-112, 211-212.

Three hours each semester. Six credits.

421 Church Music

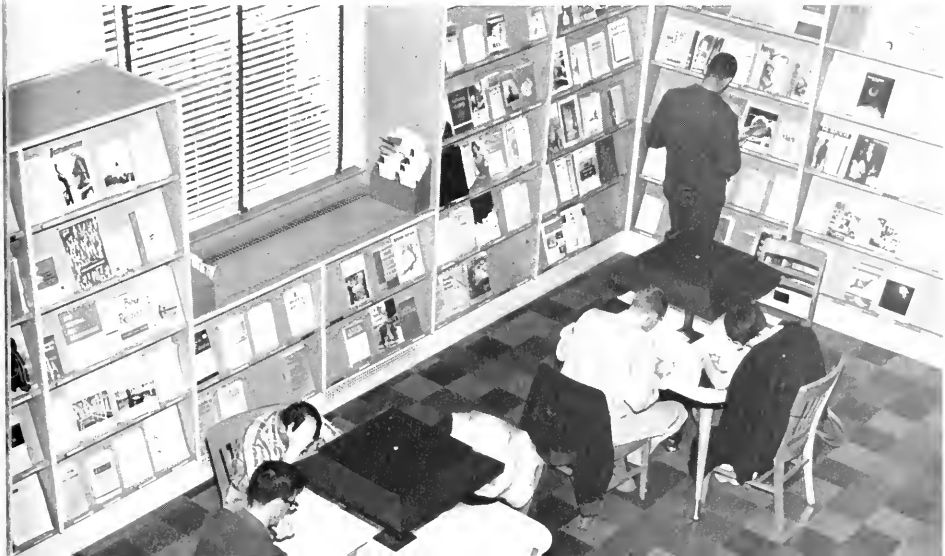
A survey course to meet the needs of those desiring to enter the field of church music. Emphasis will be placed on the historical development of the liturgy and its music, as well as on the application of liturgical principles to various types of worship services.

Two hours. Two credits.

emistry treats the composition of substances d the transformations they undergo.

usiness students have regular practice on -to-date office machines.

he Library's Periodical Room is a good place keep up with current developments.



A Summer Session class in sociology finds relief from the heat aboard a houseboat on the Susquehanna River.

The Players perform in the annual Shakespearean Festival and the Choir and Band appear regularly on television.

431 Marching Band Charting and Pageantry

A course arranged to give the student a background in creating and preparing drills and football half-time shows. Both the musical literature available for the marching band and the charting of drills for the marching band will be emphasized. Alternates with 434.

Two hours. Two credits.

432 Orchestration

A technical course dealing in the effects and resources of intrumental combinations, balance of tone, mixed tone color, and clarity of texture for the orchestra and band. Special attention is given to the techniques of scoring for small ensembles, performers of varied abilities, and organizations of irregular instrumentation.

Three hours. Three credits.

434 Care and Repair of Instruments

Proper precautions in the care of all brass, string, and woodwind instruments are emphasized. This course enables the instrumentalist to diagnose quickly any mechanical defects and make on-the-spot adjustments and repairs. Alternates with 431. Not offered 1962-63.

One hour. One credit.

441, 442 Ensemble

Chamber music from the vast field of literature will be studied and performed. Recordings are made of the individual groups.

One hour each semester. Two credits.

500 Literature Seminar

This is an informal course for majors in Applied Music, to be arranged by the staff to include a comprehensive survey of the important literature in the major field.

Two hours. Two credits.

APPLIED MUSIC

Candidates for the degree of Bachelor of Science in Music Education will choose a field of concentration in performance, and one one-half hour lesson weekly for one credit per semester is required in this field for four years. Lessons outside the field of concentration, whether taken to fulfill minimum required standards — as in the case of piano and voice — or for any other reason, will be taken for grade but not for credit.

Class lessons in the various band and orchestral instruments are required of all Music Education majors, with one credit per semester given for such work.

Candidates for the degree of Bachelor of Arts with a major in Applied Music will take two private lessons weekly in the major field, for two credits per semester for four years.

Candidates for the degree of Bachelor of Arts with a minor in Music may offer no more than a total of four credits in Applied Music toward the minor.

Piano

Acquisition of a sound technique is emphasized with the study of standard literature to fit the needs of the individual student.

Voice

The student is taught how to sing freely and musically. Breath control and resonance as well as range, quality and clear diction are developed through exercises and selected vocal literature.

Organ

Fundamental manual and pedal techniques will be emphasized. Organ literature of the baroque, romantic, modern French, German and American repertoire is selected. Registration by permission of the instructor.

Violin

The development of tone production in its relation to both left-hand and right-hand technique will be a basic part of the instruction. Pure and applied technique will be analyzed to determine the various methods of acquiring technical skill in order to build a well rounded repertoire.

Band and Orchestral Instruments

Development of good tonal quality, technical facility, and interpretation of the solo literature available for the particular instruments is stressed.

Instrumental Class

A basic knowledge of playing and teaching the instruments is emphasized to meet the needs for teaching in the public schools. Modern ensemble methods and materials are practiced in relation to procedures and problems of group instruction.

First Semester	*Second Semester*
Trumpet Class	Brass Class
Violin Class I	Violin Class II
String Class	Clarinet Class
Woodwind Class	Percussion Class

Music Workshop

The music workshop expands the student's musical horizon, and attendance of all Music students is required at the monthly meeting. Basic opportunities to perform in informal and masterclass situations help students to evaluate themselves objectively and to profit by constructive criticism. Faculty readings of basic works in the training of every musician are included. Musical events to which attendance is encouraged are previewed by informative talks. Demonstrations, panel discussions, and talks by music consultants are sponsored by the Susquehanna student chapter of the Pennsylvania Music Educators Association. All recitals, as well as supplementary programs and projects of the Music Division, are considered activities of the music workshop.

NATURAL SCIENCE

Mr. Fulghum
Mr. DeMott

101 **Natural Science**

The course includes a study of the principles of biology.

Three hours. Three credits.

102 **Natural Science**

The course is an integrated study of the basic laws and theories from astronomy, physics, chemistry, and geology.

Three hours. Three credits.

PHILOSOPHY

See Religion and Philosophy

PHYSICAL EDUCATION AND HEALTH

Miss McDowell
Miss Cochran
Mr. Garrett
Mr. Windish
Mr. Sekanovich

COURSES FOR MEN

101M-102M **Personal Hygiene**

This course presents a wide range of materials concerning healthful living.

One hour each semester. Two credits.

111M, 112M Physical Education

The activities include calisthenics, football, touch football, golf, informal gymnastics, basketball, volleyball, indoor baseball, softball, track, baseball, tennis, and hiking.

Two hours each semester. One credit each semester.

121M, 122M Physical Education — Restricted Activities

These courses are planned in consultation with the student's physician to meet the needs of individuals who are unable to pursue the regular courses.

Two hours each semester. One credit each semester.

211M, 212M Physical Education

The plan and nature of the work is similar to 111M, 112M.

Two hours each semester. One credit each semester.

COURSES FOR WOMEN

103W-104W Personal Hygiene

This course presents a wide range of scientific and educational knowledge pertinent to healthful living. Information is presented through lectures, guided discussions, surveys and group health projects.

Two hours each semester. Two credits.

115W, 116W Physical Education

A basic course in the beginning techniques of individual and team sports. Beginning tennis, field hockey, volleyball, folk and square dancing, basketball, golf, soccer, badminton, and softball are offered.

Two hours each semester. One credit each semester.

201W, 202W Physical Education

A course designed in progression from beginning skills and techniques to the intermediate level with emphasis on individual and team sports. Intermediate tennis, volleyball, badminton, modern dance, basketball, archery, golf, softball, field hockey, soccer, and badminton are offered.

Two hours each semester. One credit each semester.

PHYSICS

MR. GROSSE

A student majoring in Physics must take 24 hours in Physics including Physics 101-102, 301-302 and 401. It is strongly recommended that the student also satisfy the requirements for a major in Mathematics.

101-102 General Physics

Mechanics, heat, and sound — motion, work and energy, the nature of heat, and the production and propagation of sound. The second part is a study of magnetism, electrostatics, direct current circuits, electrical measurements, elementary alternating currents, the nature and physical properties of light. Prerequisite: Mathematics 101 and 102 or four years of high school Mathematics.

Three hours recitation, three hours laboratory each semester. Eight credits.

201 Optics

The wave theory of light developed on the basis of Huygens' principle. Interference. Fresnel and Fraunhofer diffraction. The diffraction grating. Polarized light and double refraction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

202 Electricity and Magnetism

Electrical units. Direct current circuit analysis. Electrical measurements. Magnetism and magnetic measurements. Electromagnetism and an introduction to electromagnetic induction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

301-302 Modern Physics

The first semester will cover electrical particles, atomic physics, spectra, X-rays, and related topics. The second semester is a study of radioactivity, nuclear physics, and related topics. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours each semester. Eight credits.

303 Alternating Currents and Electronics

Alternating currents, circuit elements in the A.C. circuit, the vacuum tube and its parameters and applications. Prerequisites: 202 and Mathematics 212.

Three hours recitation, three hours laboratory. Four credits.

401 Mechanics

Motion of particles with an introduction to the motion of extended bodies. Discussion and application of the concepts of force, energy and momentum. Vectors and vector algebra are used throughout the course. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours. Four credits.

501-502 Seminar

Independent study to develop the student's particular area of interest. Prerequisites: 202, 301-302, 401.

One to three credits.

PSYCHOLOGY

Dr. Lyle
Mr. Bossart
Dr. Zimmer

A major in Psychology consists of 24 hours. A minor consists of 18 hours. 201 is prerequisite for all other Psychology courses.

The Psychology Department offers two majors, the general major and the pre-professional major. The general major is designed to meet objectives of a liberal education and the student may select any appropriate program of courses. The pre-professional major is arranged for students who ultimately plan to attend graduate school and to enter the field professionally. Pre-professional majors must select 203, 306, 308, 401 or 402, 405, 406 and 408. Supporting courses in the sciences (especially zoology), sociology and mathematics are recommended.

201 General Psychology

An introductory course designed to develop a scientific attitude toward psychological problems. The course will survey the topics of motivation, personality development, emotions, sensations, perception, learning, memory, thinking, communication, and personal adjustment. This course is prerequisite for all other courses in psychology.

Three hours. Three credits.

203 Elementary Statistics

A beginning course in the methods of analyzing, interpreting and presenting quantitative data. The course includes the study of the measures of central tendency, measures of variability, normal

probability curve, product-moment and rank-order correlation, critical ratio and the "t" test of significant differences. Since this course is a prerequisite to some advanced psychology courses, students should elect this course as soon as possible.

Two hours recitation, two hours laboratory. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: 201.

Three hours. Three credits.

222 Personnel Management

See Business Administration 222.

Three hours. Three credits.

306 Abnormal Psychology

This course is a survey of the principal forms of mental and emotional disorders with emphasis upon their causes, symptoms, and course of treatment. It offers a way to study normal behavior by studying such behavior in distortion or in exaggeration.

Three hours. Three credits.

308 Tests and Measurements

Techniques of test construction, validation, reliability, item analysis, administration, scoring and interpretation of some of the standardized tests for educational, vocational, and personal diagnosis and prediction of human behavior. The course also considers the construction of essay and objective examinations. Prerequsite: 203. Alternates with 406.

Two hours recitation, two hours laboratory. Three credits.

316 Psychology of Adjustment

Principles of psychology are applied to problems that must be faced by parents, teachers, students, pastors, etc. Prerequsite: 201.

Three hours. Three credits.

401 Child Development

A study of the development of the child from infancy through the early teens. Motor, intellectual, emotional and social development will be considered, with special attention to the guidance of the child at home and at school.

Three hours. Three credits.

402 Psychology of Adolescence

A study of the physical, intellectual, emotional, and social development of the individual during the adolescent stage. Applications to problems of secondary education, home guidance, and recreation will be stressed.

Three hours. Three credits.

404 Introduction to Counseling

A course designed to give the student an understanding of counseling theories, problems of educational, vocational and personal guidance and the counselor's use of tests and measurements. Open only to juniors and seniors.

Three hours. Three credits.

405 Social Psychology

See Sociology 405

Three hours. Three credits.

406 Experimental Psychology

An introduction to the methods and theory of psychological research. The logic of science and research technique is offered so that the student may design and conduct some standard and original experiments in the laboratory. Prerequisite: 203. Alternates with 308.

Two hours recitation, two hours laboratory. Three credits.

408 Psychological Theories

A systematic survey, evaluation and comparison of contemporary theories of human behavior. Reinforcement, field, psychoanalytic, factor, organismic, constitutional and other theories are considered. Open only to juniors and seniors.

Three hours. Three credits.

415 Physiological Psychology

Neurological and physiological mechanisms and their relationship to behavior. Original nature, memory, work, fatigue, sleep and learning.

Three hours, Three credits.

500 Senior Projects in Psychology

Individual study of a specific project in psychology selected by the student in consultation with and under the supervision of his major adviser. Open only to the qualified senior with the consent of his major adviser.

May be taken for two or three credits.

RELIGION AND PHILOSOPHY

DR. LOTZ
DR. REIMHERR
DR. SLATER

RELIGION

101 Old Testament

A survey of the history, literature and religion of the Hebrews. Special emphasis is placed upon the literary content of the Old Testament.

Two hours. Two credits.

102 New Testament

This course lays stress on the origin of the New Testament writings. Emphasis is placed upon their religious values in light of their historical setting.

Two hours. Two credits.

201 Christian Faith

A study of the relation between God and man in the light of Christian faith. An attempt is made to show the philosophical implications of Christian doctrine.

Two hours. Two credits.

202 Christian Ethics

This course begins with a study of historical ethical systems which are compared with the Christian faith. In the second part of the course the Christian characteristics of living are given special emphasis. Prerequisite: 201.

Two hours. Two credits.

301 The Apostolic Period

This course depicts the rise of Christianity in the first and second centuries within the historic structure of the Graeco-Roman world. Special emphasis is placed on the relevant New Testament writings as well as the Apostolic Fathers.

Three hours. Three credits.

302 The Teachings of Jesus

In the search for the solution of modern problems, the attention of the student is directed to the teachings of Jesus. Special

emphasis is placed upon the situation in Palestine in the first century as an aid in understanding these teachings.
Three hours. Three credits.

PHILOSOPHY

For a major in Philosophy the student must take 24 hours including 101. For a minor in Philosophy the student must take 18 hours including 101.

101 Introduction to Philosophy

This course offers an introduction to various fields of philosophy. Special emphasis is placed upon the philosophical alternative in the contemporary world.
Three hours. Three credits.

201 Logic and The Scientific Method

This course presents the guiding principles of correct thinking, the nature of the deductive and inductive processes as well as the bases of the scientific method.
Three hours. Three credits.

301 Ancient Philosophy

This course treats the beginnings of Western philosophy. It extends from Thales to Plotinus. Original sources are used throughout.
Three hours. Three credits.

302 Medieval Philosophy

This course covers the period from Augustine to William of Occam. Along with readings of original sources, the aim is to understand the medieval synthesis.
Three hours. Three credits.

303 Modern Philosophy

This course treats the development of philosophical thought from Descartes to Kant. Special emphasis is placed upon problems of epistemology.
Three hours. Three credits.

304 Contemporary Philosophy

This course begins with a study of the Hegelian philosophy and is carried down to contemporary times. The various movements of present day philosophy are analyzed in detail.
Three hours. Three credits.

402 American Philosophy

This course aims to trace the development of American philosophical thought from the colonial period to the present. Emphasis will be placed upon the manner in which philosophy reflects the various trends in American life and thought.

Three hours. Three credits.

403 The Philosophy of Religion

This course offers a philosophical inquiry into religious problems such as the nature of God, the meaning of faith, and problems of religious epistemology.

Three hours. Three credits.

SOCIOLOGY AND ANTHROPOLOGY

Mr. Stevens
Dr. Ofslager

Requirements for departmental major: 24 semester hours, exclusive of 201 which is the prerequisite for all courses in Sociology except Anthropology. Sociology 203, 311, and 410 are required of all majors. Supporting courses to be elected with advice of major adviser.

Requirements for departmental minor: 18 semester hours, exclusive of 201 which is the prerequisite for all courses except those in Anthropology. Sociology 203 recommended.

201 Principles of Sociology

Methods and approaches of scientific analysis applied to contemporary cultures and societies; socialization, individual and group interaction, and the major social institutions; social organization; social change, and collective behavior.

Three hours. Three credits.

203 Elementary Statistics

See Psychology 203

Two hours lecture, two hours laboratory. Three credits.

205 General Anthropology

The development of mankind and his culture, and the influences of biological, social and cultural factors on human behavior.

The origin and distribution of man, a survey of paleontology, human biology, world archeology, pre-history and languages, plus the origins of the social institutions.

Three hours. Three credits.

301 The City

A study of urbanism, the history, ecology, technological, personal, and demographic factors. Emphasis is placed on the social institutions and group and individual behavior peculiar to urban life; and metropolitan planning. Prerequisites: 201, 205.

Three hours. Three credits.

302 Industrial Sociology

The development of modern industry as a problem of social relationships; formal and informal industrial organizations; social classes and the industrial order; social controls of industry. Prerequisite: 201.

Three hours. Three credits.

303 Criminology

The nature and significance of crime; statistics of crime and criminals, historical development of criminological theory, modern explanations of crime, criminal laws and courts, police and prisons, crime prevention. Prerequisite: 201. Not offered 1962-63.

Three hours. Three credits.

304 Marriage and The Family

Study of the structure and function of the family with emphasis on the contemporary American family; courtship, factors in successful marriage, changing status of the family group, family disorganization, modern theories of marriage with special emphasis on the Christian ideal of marriage. Prerequisites: 201, 205, or permission of the instructor. Open to juniors and seniors.

Three hours. Three credits.

309 The Development of Western Culture

The course aim is to offer the student a long range perspective of the inception, growth and development of Western Culture, from the Neolithic cultures through the Greeks and Romans. The emphasis is placed on the values and behavior patterns which constitute the core of Western tradition. Prerequisites: 201, 205.

Three hours. Three credits.

311 Social Theory

The main works of the major writers who have contributed to the development of social theory are reviewed, with an intensive study of specific writings of key theorists. Emphasis is also placed on the use of theory in empirical research. Required of all departmental majors, and strongly suggested for students planning graduate work in the social sciences. Prerequisite: 201. Not offered 1962-63.

Three hours. Three credits.

403 Minorities

The position of races and minorities in the United States; pattern of race relations, institutional and community aspects of race and minority relations, the effect of minority status on personality development. Prerequisite: 201.

Three hours. Three credits.

404 Introduction to Social Work

An introductory course covering the scope and function of the various fields of social work. The work of the classroom is supplemented by special lectures and seminars by officials of the various social agencies. Prerequisites: 201; Psychology 201. Not offered 1962-63.

Three hours. Three credits.

405 Social Psychology

A study of the interaction of individuals in their several group relations, the contacts of harmony, and conflict within groups as well as between groups, group leadership and group controls, the phenomena of imitation and suggestion. Prerequisites: 201; Psychology 201.

Three hours. Three credits.

406 Culture and Personality

Culture as a socialization factor of personality. The study of the emotional aspects of human relations, the contributions of Freud, Horney, Fromm, Sullivan, Murray, Lewin, and others. Open to juniors and seniors. Prerequisite: 405.

Three hours. Three credits.

408 The American Indian

A comprehensive study of representative Indian cultures of North and South America. Emphasis will be on similarities and differences of various cultures, on the effects of environment and diffusion on

the development of the institutions. The concept of ethnozoology as applied to the cultures will be examined. Prerequisite: 205.

Three hours. Three credits.

409 American Social and Cultural Heritage

Deals with American social and cultural heritage as a product of American life conditions. Concentration on the heterogeniety of the population, the peculiar American developments in the major social institutions, and the changing ideologies associated with them and American folkways, mores, beliefs and attitudes. Not offered 1962-63.

Three hours. Three credits.

401 Research Design

The systematic procedures of observation and measurement used by sociologists to obtain data about human groups and institutions. The nature and use of hypotheses, theories and laws within the general principles of research design; the techniques of observation, sampling, interviewing, data processing and analysis will be studied through research projects. Not a course in statistical methods. Permission of instructor required. Not offered 1962-63.

Three hours. Three credits.

500 Individual Study

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Lockett, Sarah Kirk Moosic, Pa.

Losch, Rosemary Kaye Selinsgrove, Pa.
McDaniel, James H. Milton, Pa
McGlaughlin, Ronald Luther Beavertown, Pa.
Manning, Lynn Moore Harrisburg, Pa.
Martin, Sharon Lee Woodbridge, N. J.
Master, Lois Mae Beaver Springs, Pa.
Milroy, Lyman Irvin Mifflinburg, Pa.
Minami, Wayne Hiroshi Washington, D. C.
Molin, William Hans, III Ambler, Pa
Moll, Terry L. Shamokin, Pa
Myers, Susan Jane Williamsport, Pa.
Nace, Francis Allen Selinsgrove, Pa.
Ostheim, Anne Johnstown, Pa.
Parker, James Henry Havertown, Pa.
Pemberton, Philip Stanley Brooklyn, N. Y.
Phillips, Elizabeth Ann Atlantic Highlands, N. J.
Porter, Gerald Hill West Chester, Pa.
Pressley, George Paul, II Pittsburgh, Pa.
Purcell, Leonard Pendleton Utica, N. Y.
Raab, John H. Glen Ridge, N. J.
Richter, Larry G. Ephrata, Pa.
Roberts, Ruth Joyce Hazleton, Pa.
Rohland, Richard E. Plainfield, N. J.
Schaefer, Ann Lorraine South Williamsport, Pa.
Sheesley, Joyce Nora Harrisburg, Pa.
Sholley, Stanford Clyde, Jr. Lewisburg, Pa.
Shomper, Dorothy Jeanne Shamokin, Pa.
Sload, Susan Kelso Glenside, Pa.
Smith, David Monroe Emporium, Pa.
Smith, Robert Alan Seaford, N. Y.
Snyder, Lynn Emerson Sunbury, Pa.
Snyder, Paul Delbert Dornsife, Pa.
Spillman, John Henry York, Pa.
Swab, Sandra Ruth Harrisburg, Pa.
Thomas, Alan Lee East Greenville, Pa.
Traher, Mary Ann Selinsgrove, Pa.
Tressler, Paul Wolpert Telford, Pa.
Trexler, Roger Bruce Emmaus, Pa.
Updegrove, James Arthur, Jr. Muir, Pa.
Walters, Peggy Jane York, Pa.
Ward, James McCutcheon Lynbrook, N. Y.
Wernikowski, Maria Katherine Johnson City, N. Y.
Witmer, Eugene Howard Dalmatia, Pa.
Wolf, Lloyd Joseph Sunbury, Pa.
Yohe, E. Michael Spring Grove, Pa.
Zimmerman, Nita Louise Orwigsburg, Pa.

JUNIORS 1961-62

Aigars, Biruta M. Harrisburg, Pa.
Amerman, George Franklin Sunbury, Pa.
Aungst, Allen Arthur Pine Grove, Pa.
Bagenstose, Mary Sally Shoemakersville, Pa.
Barry, Curtis Winfield West Caldwell, N. J.
Beck, Mary Ann Harrisburg, Pa.
Beers, Jane Elizabeth Allentown, Pa.
Berman, Jay Sidney Pottstown, Pa.
Berry, Laura Cynthia Palmyra, N. J.
Binnie, Lois Frances Johnstown, Pa.
Black, James Clark Sunbury, Pa.
Blair, Marjorie Anne Lewisburg, Pa.
Blessing, James Alan New Bloomfield, Pa.
Bonsall, Lois Elaine Lester, Pa.
Broadt, Eric W. Lewisburg, Pa.
Brodisch, Georgiann Cornwells Heights, Pa.

Broscious, Sarah Lynn Sunbury, Pa.
Brown, Mary Elizabeth York, Pa.
Brown, Miriam Mosser
Williamsport, Pa.
Brownell, Patricia Marie
Starrucca, Pa.
Cairns, Carol Ann Lancaster, Pa
Cairns, Robert Charles Sunbury, Pa
Campbell, George John
Hillsdale, N. J.
Campbell, James Jon Selinsgrove, Pa.
Casey, Frank Thomas Hatboro, Pa.
Claffee, Barbara Jeanne
Pennsauken, N. J
Cordas, Michael, Jr. Steelton, Pa.
Cornelius, Donald Stanwood
Souderton, Pa.
Corson, Ann Louise Hughesville, Pa
Craft, Mary Margaret
York Haven, Pa.
Curtis, Robert William
Pennsauken, N. J.
Dechert, Joan Marie Lebanon, Pa
Deebel, Jean Ann Ringtown, Pa
Derk, Terry J. Trevorton, Pa.
Derobo, Barbara Anne Trevorton, Pa.
Donlan, Thomas Charles
Shamokin, Pa.
Dreisbaugh, Robert Eugene
Catawissa, Pa.
Dries, Lynda Louise Wantagh, N. Y.
Dunkelberger, Fred Binkley
Sunbury, Pa.
Dunkle, Sandra Lin Jersey Shore, Pa.
Edwards, Herbert Leslie Sunbury, Pa.
Estep, Patricia Ann New Oxford, Pa.
Etter, Irene Miriam
Chambersburg, Pa.
Eyster, Sandra Elizabeth Herndon, Pa.
Ferrence, Ann Gross Dover, Pa.
Fink, Candace Lee Williamsport, Pa.
Fish, Kenneth Randall Media, Pa.
Fishburn, William Kenneth
Northumberland, Pa.
Fisher, Frederick Irvin
Pine Grove, Pa.
Fisher, Russell Irven Selinsgrove, Pa.
Foehl, Shirley Anne Springfield, Pa.
Frank, John Kenneth, Jr.
Mt. Carmel, Pa.
Gahan, David Richard
Selinsgrove, Pa.
Gallagher, James Ronald
Centralia, Pa.
Gettier, Stephen Charles
Biglerville, Pa.
Good, Nancy Jane Johnstown, Pa.
Grabau, Carolyn Gladys
Bloomfield, N. J.
Graham, John Thomas
Southampton, Pa.
Graybill, Diana Mae
Port Trevorton, Pa.
Graybill, Donna Marilu
Cocolamus, Pa.
Gresh, Carol Ann
Northumberland, Pa.
Hackenberg, David Stewart
Northumberland, Pa.
Heist, Cynthia Ann Allentown, Pa.
Hendricks, Linda Gail Sunbury, Pa.
Herb, Joseph William
Snydertown, Pa.
Herrold, James Henry Shamokin, Pa.
Hess, Nancy Loretta
West Caldwell, N. J.
Hipple, Elwood Billet Lancaster, Pa.
Hirschmann, Carol Ann Katherine
Lutherville, Md.
Hobbes, Carol Mae Milton, Pa.
Hoffman, Cynthia Ann Sunbury, Pa.
Hostetter, Glen Barry
West Lawn, Pa.
Houseworth, Sue Olevia Bedford, Pa.
Hummel, Lester F.
Mt. Holly Springs, Pa.
Jones, Bonnie Lee Babylon, N. Y.
Jordan, Barbara Ann Camp Hill, Pa.
Joyce, Joseph Robert Ashland, Pa.
Kauffman, Barry Lee Lititz, Pa.
Keefer, Ronald Dale Milton, Pa.
Keller, Nanette Fay York, Pa.
Keller, Nellie Mae Hellam, Pa.

Kent, Linda Kay Sunbury, Pa.
Kiel, Alan Lauther New Hope, Pa.
Kindon, George William Philadelphia, Pa.
Kipp, Judith Ann New Cumberland, Pa.
Kleinbauer, Joe William Middleburg, Pa.
Klus, D'Arlene Philadelphia, Pa.
Kuebler, Peter Hammond Summit Hill, Pa.
Kump, Jane Marie Hanover, Pa.
Leach, Linda Karen Windber, Pa.
Leathery, Charles Henry York, Pa.
Lerew, Lynn Eddy Bendersville, Pa.
Lundy, Joyce Elaine Hughesville, Pa.
Luscko, John Francis Mt. Ephraim, N. J.
McCahan, Walter Keith Selinsgrove Pa.
McKalip, Sarah Ann Smethport, Pa.
McKee, Robert Steel Atlantic City, N. J.
Mack, Linda Ellen Milton, Pa.
Malone, Marvin James Delta, Pa.
Mannello, Edward Joseph Kulpmont, Pa.
Marburger, Carol Ann Orwigsburg, Pa.
Markle, Neal James Oreland, Pa.
Maurer, Ted A. Helfenstein, Pa.
Moore, William Thomas Shamokin, Pa.
Mosier, Clark Ruggles Dallas, Pa.
Moyer, Carl Marcus Oreland, Pa.
Moyer, Carl Winston Port Trevorton, Pa.
Moyer, Carolyn Ann Souderton, Pa.
Murray, Jean Adair Altoona, Pa.
Neff, Doris Jean Sunbury, Pa.
Ohst, John William Lyons, N. Y.
Padula, Anthony Michael Kulpmont, Pa.
Partridge, Emily Louise Maplewood, N. J.
Pedersen, Doris Anne Westport, Conn.
Perfilio, Joseph Pasquale Jersey City, N. J.
Perot, James Flourtown, Pa.
Pettit, Eileen Mary Brooklyn, N. Y.
Pignatore, John Edward New York, N. Y.
Pollard, Ronald F. Tremont, Pa.
Potts, Kay Marie Pine Grove, Pa.
Rettinger, Janet L. Schuylkill Haven, Pa.
Riesmeyer, Ann Neta Pittsburgh, Pa.
Rodkey, John Alfred Northumberland, Pa.
Rogers, James Robert Selinsgrove, Pa.
Rowe, Richard Emerson New London, Conn.
Samuel, Thomas Davies, Jr. Mt. Ephraim, N. J.
Schaffer, Bonita Lee Lattimer, Pa.
Schlader, Ronnie Edward Ashland, Pa.
Schuyler, Jane Katharine Asbury Park, N. J.
Sewell, Margaret Elaine Cranford, N. J.
Shamory, Lee Allen Middleburg, Pa.
Shirey, Samuel Rhine Lewistown, Pa.
Shirk, Walter Wintersteen Pleasant Gap, Pa.
Sholley, Sandra Kay Lewisburg, Pa.
Shuker, William Kenneth, Jr. Selinsgrove, Pa.
Siple, Ann Royer Duncannon, Pa.
Smith, David Alden York, Pa.
Smith, Eleanor Marie Sunbury, Pa.
Smith, Neil Raymond Dornsife, Pa.
Spotts, Douglas Elwood New Britain, Pa.
Squires, Robert James Harrisburg, Pa.
Stamps, Penelope Gifford Pleasantville, N. J.
Stephenson, Sally Lynne Maplewood, N. J.
Summer, Robert Jesse Delanco, N. J.

Taylor, Patricia Ann Altoona, Pa.
Telgheider, Ernest Henry Springfield, Pa.
Terry, Mary Pamela Lock Haven, Pa.
Thoman, Peggy Ann Glen Rock, Pa.
Trenery, Franklin George Clarks Green, Pa.
Treon, John Robert Sunbury, Pa.
Troutman, Sandra Marie Herndon, Pa.
Tuma, Judith Ann King of Prussia, Pa.
Tushinski, Robert John Glen Lyon, Pa.
Unger, Kenneth Eugene Hanover, Pa.
Valunas, Madelyn Faye Selinsgrove, Pa.
Van der Hiel, Rudolph John Ardmore Pa.
VanZandt, James Douglas Pottstown, Pa.
Vekassy, Marilyn Elizabeth Linden, N. J.
Wagner, Lois Ann Philadelphia, Pa.
Ward, Harry Nathan Garrett, Pa.
Wassam, Linda Lavon Millerstown, Pa.
Weathered, Jeannie Theresa Niantic, Conn.
Weatherlow, Mary Virginia Lancaster, Pa.
Weaver, Naomi Agnes Catasauqua, Pa.
Whitko, Donald Anderson Danville, Pa.
White, Janet Holland Norristown, Pa.
Whitney, Jeffrey Garrett Valley Stream, N. Y.
Wiest, Kenneth Lamar Pillow, Pa.
Williams, Samuel Roberts Mt. Carmel, Pa.
Woodruff, Dennis Paul Camp Hill, Pa.
Yaggi, Frank Nickisch Drexel Hill, Pa.
Yingling, Herbert Karl Burnham, Pa.
Zacharias, Judith Hanover, Pa.
Zampetti, Blase John Bayonne, N. J.
Zimmerman, Nancy J. Livingston, N. J.
Zimmerman, Roger Wilson Shamokin Dam, Pa.

SOPHOMORES 1961-62

Adams, Nancy Lee Selinsgrove, Pa.
Adler, Charles Albert Glenside, Pa.
Aerni, Robert Calvin Easton, Pa.
Almond, Ruth Joanne Sunbury, Pa.
Ambrose, Alfred Anthony Altoona, Pa.
Andel, William Adam Burlington, N. J.
Anderson, Evert Robert Plainfield, N. J.
Andes, William Oliver Danville, Pa.
Aurand, Donald William Selinsgrove, Pa.
Bachrach, Alan, Jr. Philadelphia, Pa.
Baily, William Marshall Kennett Square, Pa.
Barabas, Edward Michael North Bergen, N. J.
Barlett, Judith Ann Montgomery Pa.
Baskin, Sally Ann Selinsgrove, Pa.
Beiger, Peter New Hope, Pa.
Biedermann, Richard James West Englewood, N. J.
Billig, Joseph Stanley Milton, Pa.
Bittles, Margaret Louise Sunbury, Pa.
Black, Roy Jack Mt. Union, Pa.
Bleuit, Frederick Storey Bluebell, Pa.
Bolig, Brian C. Flemington, N. J.
Bolig, Charles Alvin Selinsgrove, Pa.
Bollinger, Carol Ann Northumberland, Pa.
Bollinger, Judith Ann Swarthmore, Pa.
Bond, Karen Louise Berwick, Pa.
Border, Lori Ann York, Pa.

Boughner, Eugene Caleb Shamokin, Pa.
Bowes, Donald Howard South Orange, N. J.
Boyer, Lynda Louise Mt. Pleasant Mills, Pa.
Bramer, James Robert Webster, N. Y.
Brandt, Marjorie Louise Carversville, Pa.
Brenneman, Larry Dean York, Pa.
Broadt, David Robert Lewisburg, Pa.
Brosius, Arthur, II Avondale, Pa.
Brown, Donna Louise Whiteville, N. C.
Buriak, Roger Lee Sunbury, Pa.
Burns, Betty Lou Thompsontown, Pa.
Calderan, Sandra Joyce Waymart, Pa.
Canfield, Dorothy Lee Bloomfield, N. J.
Chapman, Susan Lancaster, Pa.
Coleman, Charles Porter Philadelphia, Pa.
Colombet, Antony Willard Sunbury, Pa.
Conrad, Margaret Jane Glenolden, Pa.
Cook, Patricia Ann Salisbury, Pa.
Coons, Jack Wesley Lancaster, Pa.
Cooper, Lawrence Robert DuBois, Pa.
Craft, John Wilfred Towanda, Pa.
Cressman, Robert Henry Oreland, Pa.
Cronlund, Kara May Gettysburg, Pa.
Curley, Maureen Verona, N. J.
Curtis, Thomas Hazelton Bergenfield, N. J.
Davis, Carole P. Marlton, N. J.
Day, Donna Dale Canonsburg, Pa.
Dechert, Gene Henry Lebanon, Pa.
DeLong, David LeRoy Elizabethtown, Pa.
Detjen, Martha Sue Berwick, Pa.
Devlin, Joan Elaine Westville N. J.
Duncan, Boyd Jervis Blue Bell, Pa.
Dyer, Donald Eugene, Jr. Hackensack, N. J.
Eggert, John G. Philadelphia, Pa.
Esch, Barbara Ann Altoona, Pa.
Ewald, Diane E. White Plains, N. Y.
Ewing, Meredyth Hanway Pittsburgh, Pa.
Fecker, George Allen Sunbury, Pa.
Frable, Karen Lou Palmerton, Pa.
Fritsch, Janet Ann Woodlyn, Pa.
Garrett, John Cleland Robesonia, Pa.
Garrett, Kenneth Richard Robesonia, Pa.
Garrison, Shirley Mae Berwick, Pa.
Gass, Warren Woodrow Selinsgrove, Pa.
Gelnett, Mary Jane Millerstown, Pa.
Gerkens, William Alan Delanco, N. J.
Gordon, Kenneth Elwood, Jr. Reedsville, Pa.
Green, Donald Lee Harrisburg, Pa.
Grieb, Edward Henry Philadelphia, Pa.
Grondahl, Albert William Flemington, N. J.
Gundaker, Robert George Laurelton, N. J.
Hand, Jon Ronald Trevorton, Pa.
Hand, Terry L. Sunbury, Pa.
Haney, Sandra Jean Jersey Shore, Pa.
Hannum, Sarah Elizabeth Phoenixville, Pa.
Harris, George Ellsworth Newark, Del.
Harris, Norman Wyland Harrisburg, Pa.
Hart, Gail Marie Woodstown, N. J.
Hauser, Frederick Robert River Vale, N. J.
Hedler, John Kilian, Jr. Washington, D. C.
Heilig, Jack Craig York, Pa.
Heishman, Eleanor Lois Wardensville, W. Va.
Henderson, Joan Elizabeth Haddonfield, N. J.
Hendrix, Ronald Claude Stratford, Conn.
Hengst, Barry Ray York, Pa.
Hershey, Fred Geist Leola, Pa.

Hettenbach, Lloyd Robert
Bloomfield, N. J.
Hoch, Henrietta Louise
Hughesville, Pa.
Hoehling, Patricia Carrington
Washington, D. C.
Hoffman, Norma Doris
Philadelphia, Pa.
Hoffman, Robert Curtis Sunbury, Pa.
Hofmann, Robert Bruce DuBois, Pa.
Horn, John Chisolm, Jr.
Alexandria, Pa.
Horn, Nancy Ruth Orangeville, Pa.
Horowitz, Harvey Alan
Philadelphia, Pa.
Hough, Diana Marie Portage, Pa.
Houser, Della Marian
Waterloo, Ontario, Canada
Howe, Richard Earl Chappaqua, N. Y.
Inners, Jon David Selinsgrove, Pa.
Jacobs, Alfred Willits, Jr.
Selinsgrove, Pa.
Jacobus, Earl Russell
South Orange, N. J.
James, Mary Longfellow Milford, Pa.
Jantzer, Judith Ann Rocky Hill, Conn.
Johns, Rosanne Waymart, Pa.
Johnston, Michael Lee Sunbury, Pa.
Jones, William Benjamin Coaldale, Pa.
Kachelriess, Lawrence Stephen
Union, N. J.
Kauffman, Paul Wayne
Thompsontown, Pa.
Kaufman, John Frederick
Strasburg, Pa.
Kay, Pamela Jane Basking Ridge, N. J.
Kerstetter, Larry Gene
Port Trevorton, Pa.
Kilburn, Anthony Chappaqua, N. Y.
Kirchner, George Amos York, Pa.
Kissinger, Terry Robert
Selinsgrove, Pa.
Klingerman, Eleanor Ann
Morrisville, Pa.
Knapp, Patricia Ann Elmira, N. Y.
Knouse, Valerie Scotch Plains, N. J.
Knox, James MacDonald, Jr.
Ridgway, Pa.
Kratzer, Kenneth Earl Selinsgrove, Pa.
Kurtz, Carolyn Ann Toledo, Ohio
Lare, Joan Houston Norristown, Pa.
Lauer, Esther Elizabeth Ashland, Pa.
Lawler, Vicki Sue Wynnewood, Pa.
Lawrence, Ethel Mae Sunbury, Pa.
Lindenmuth, G. Frank York, Pa.
Linder, Richard Ernest Paoli, Pa.
Lindsay, William Edgar
Huntingdon, Pa.
Lips, William H. Wilmington, Del.
Loeffler, Karen Marie Pittsburgh, Pa.
London, Oliver Hill Forty Fort, Pa.
Lovell, Barbara Ruth Allentown, Pa.
Lovell, Benjamin Hallett
Essex Fells, N. J.
Lowry, Joan Irene
North Arlington, N. J.
Lowry, Joyce Marion
North Arlington, N. J.
MacConnell, Rosalie Frances
Somerville, N. J.
McCarrick, Thomas Cole
Millport, N. Y.
McGraw, Arch M. Harrisburg, Pa.
McGraw, Ronald Lee Riddlesburg, Pa.
Marionni, Roland Louis
Union City, N. J.
Markowitz, Barry Ira
West Orange, N. J.
Marzolf, Chester Leroy
Pine Grove, Pa.
Mease, Kenneth Webster
Selinsgrove, Pa.
Mercer, Joanne Penny Bristol, Pa.
Merwin, Irving Henry Waymart, Pa.
Meyer, Ralph John Glen Rock, N. J.
Mowers, George Michael, Jr.
Upper Darby, Pa.
Mowrer, Eugene Lloyd Columbia, Pa.
Muller, Frederick David
Cheltenham, Pa.
Mummert, Gerald Elmer
East Berlin, Pa.
Mutzel, Kenneth Albert York, Pa.

Neece, Eleanor Ruth Williamsport, Pa.
Norton, James Buyers, III Coatesville, Pa.
O'Hara, Joseph, III Havertown, Pa.
O'Neil, Louis D. Montgomery, Pa.
Overholt, Linford George Philadelphia, Pa.
Padula, Samuel A. Kulpmont, Pa.
Parks, James Thomas Carbondale, Pa.
Pavlishin, Paul J. M. Philadelphia, Pa.
Pearson, William Bruce Philadelphia, Pa.
Peyakovich, Paul Samuel Minersville, Pa.
Pfister, Lynn Ada Flushing, N. Y.
Phillips, George Walter Jamesburg, N. J.
Polhemus, Judy Abbottstown, Pa.
Raffetto, David James Furlong, Pa.
Rayner, Marjorie Lee Westmont, N. J.
Reed, Barry Lee Sunbury, Pa.
Reinhart, William Charles Greenwich, N. J.
Remler, Dan Curtis Scotch Plains, N. J.
Richards, Robert Roland, Jr. York, Pa.
Ritzman, Ira Glenn Port Royal, Pa.
Rodgers, James Alden Johnstown, Pa.
Romig, Linda Gwen Bethlehem, Pa.
Roth, Mildred Ann Nuremberg, Pa.
Rothermel, Judith Ann Wyomissing, Pa.
Rowlands, John Davis Wilkes-Barre, Pa.
Royer, Theron James Watsontown, Pa.
Rupprecht, Michael Edward York, Pa.
Sabin, Bruce Thomas Somerville, N. J.
Sanberg, Lynn Gamble McKean, Pa.
Sandahl, James Filer Woodbridge, N. J.
Scharff, Linda Ann Metuchen, N. J.
Schenck, Clark Beidler, Jr. Robesonia, Pa.
Schneider, Grant Herbert Ho-Ho-Kus, N. J.
Schumacher, David Jacob Scranton, Pa.
Seaks, Richard Alan Stewartstown, Pa.
Shaffer, Lawrence Eves Harrisburg, Pa.
Sherwood, John Taylor Nicholson, Pa.
Shintay, Patricia Ann New York, N. Y.
Siegel, Carol Harriet Brooklyn, N. Y.
Silar, Robert Young Willow Street, Pa.
Simington, Grace Dorothy Rome, N. Y.
Simon, Margaret Kathryn Berwyn, Pa.
Skinner, James Michael Mt. Kisco, N. Y.
Skinner, Lawrence Anthony Mt. Kisco, N. Y.
Smith, Don Kent DuBois, Pa.
Smurlo, Bunnie Lugene Towson, Md.
Snyder, Joseph Allen Selinsgrove, Pa.
Speidell, Walter Arthur Millburn, N. J.
Spriggle, Ann Romaine Richfield, Pa.
Stackhouse, Robert Howard Fanwood, N. J.
Stahl, Stanley Carl Washingtonville, Pa.
Stauffer, Dianne Louise Weatherly, Pa.
Steinberg, Joyce Ann Wallingford, Pa.
Stockalis, Barbara Ann Bristol, Pa.
Stone, Gary Winn Weatherly, Pa.
Straubel, Alan Frederic West Englewood, N. J.
Strine, Harry C., III Shamokin, Pa.
Stuck, Wendel Alvin Northumberland, Pa.
Sugg, Barbara Jean Bethlehem, Pa.
Suloman, Robert Allen Pottstown, Pa.
Summers, James Warfield Honey Brook, Pa.
Thomas, Douglas Floyd New York, N. Y.
Trefny, Suzanne Charlotte Hatboro, Pa.
Trommetter, James Lawrence Gordon, Pa.

Uhler, John Thomas Harrisburg, Pa.
Voiles, Michael Charles Wind Gap, Pa.
Vought, John Mark, Jr. Lewisburg, Pa.
Wasson, Kathye Sue Rixford, Pa.
Waxman, Gerald I. Havertown, Pa.
Weibley, Sondra Louise Mechanicsburg, Pa.
Weichel, Jeffrey Robert Stroudsburg, Pa.
Wendler, Paul Frederick Ramsey, N. J.
Whitbeck, Norman Fleming, Jr. Clarks Summit, Pa.
Wilde, James Marlyn Berwick, Pa.
Witmer, Mary Jane Dalmatia, Pa.
Woernle, Walter Baltimore, Md.
Yeager, Pamela Ann Macungie, Pa.
Young, James Elmer Nescopeck, Pa.
Zeilman, Donna Faye Carlisle, Pa.
Zook, Nancy Louise Lancaster, Pa.

FRESHMEN 1961-62

Acker, Joyce Ann Sunbury, Pa.
Acker, Ronald Lawrence Sunbury, Pa.
Ackerman, Phyllis Ann Schellsburg, Pa.
Adams, Barbara Weeks Selinsgrove, Pa.
Adams, Bonnie Lee Altoona, Pa.
Allen, Barbara Broomall, Pa.
Allen, Douglas Roger Milton, Pa.
Antry, Alan Lee Bethlehem, Pa.
Ashburn, Charles Palmer, Jr. Niantic, Conn.
Ayres, Cherie Jean Clarks Summit, Pa.
Bachman, Helen Louise Jenkintown, Pa.
Bacon, Ronald Charles Baltimore, Md.
Bair, Judith Ann Highspire, Pa.
Baney, Donna Rae Selinsgrove, Pa.
Barnes, Timothy Rodger Mt. Carmel, Pa.
Bartelt, David William Philadelphia, Pa.
Bates, Joseph Goodfellow Selinsgrove, Pa.
Baum, Bonnie Lou Auburn, Pa.
Beck, Maryon Carter Metuchen, N. J.
Beddoe, Janet Lee Bound Brook, N. J.
Bell, Bonnie Lee Camp Hill, Pa.
Bellinger, Donald Fox Johnstown, N.Y.
Bence, Barry Lincoln, Pa.
Bevilacqua, Daniel Vergil Wenonah, N. J.
Biggs, Sandra Louise Doylestown, Pa.
Billotte, William R. New Millport, Pa.
Blackwell, Doris Grace Lansdowne, Pa.
Borry, Denton Lee Stevens, Pa.
Bowen, Arthur Frederick Selinsgrove, Pa.
Bowes, Paul Earl Selinsgrove, Pa.
Breese, Adele Embree Princeton, N. J.
Bridgens, Leslie Campbell Arlington, Mass.
Brossman, Dorrance Jane Wyomissing, Pa.
Bruno, Leila Rita Flourtown, Pa.
Buchheit, Peter Melvin Southampton, N. Y.
Bucks, Bonnie Marie Reading, Pa.
Buell, Thomas Richard Geneseo, N. Y.
Bunting, Betsy Wade Wormleysburg, Pa.
Burch, Jerold Charles Yardley, Pa.
Burns, Nancy Lou Altoona, Pa.
Campbell, Annette E. Massapequa Park, N. Y.
Campbell, Carl Lester Sunbury, Pa.
Campbell, Jane Avenel, N. J.
Campbell, Susan Louise Plainfield, N. J.
Carr, Michael Charles Allentown, Pa.
Caruso, Richard Ernest Margate, N. J.
Caswell, Cynthia Wynne Jenkintown, Pa.
Cathcart, Linda Lee Curwensville, Pa.
Caulfield, James Henry Teaneck, N. J.

Cave, Edward Lance Havertown, Pa.
Charles, Allen Henry, Jr. Selinsgrove, Pa.
Chew, Barbara Ann Mechanicsville, Pa.
Christian, William Charles Sunbury, Pa.
Clark, Carl Richard Dallas, Pa.
Clark, Janet Diane Mt. Union, Pa.
Close, Mary Ellen Scranton, Pa.
Cole, Linda Susan Allentown, Pa.
Cone, Frederick L. Paxinos, Pa.
Corson, Nancy Virginia Muncy, Pa.
Costello, Sally C. Mt. Holly, N. J.
Cramer, Ann Lee South Sterling, Pa.
Cuccio, Emil Salvatore Garfield, N. J.
Cueman, Walton Ramsden Pompton Plains, N. J.
Dailey, Rebecca Jane Franklin, N. J.
Darrup, James Francis Mt. Carmel, Pa.
Daubenspeck, Henry Mason Carbondale, Pa.
David, Joseph Michael Irvington, N. Y.
Davis, Joanne Louise Swarthmore, Pa.
Detterline, Anna Marie Thorndale, Pa.
Dick, Pamelia Joyce Dillsburg, Pa.
Differ, Anthony Louis Bridgeport, Pa.
Downs, Barbara May Airville, Pa.
Downs, Sharon W. Montoursville, Pa.
DuBois, Raymond Donald Glen Rock, N. J.
Duda, John Hilary Brooklyn, N. Y.
Duerr, Susan Virginia Springfield, Pa.
Eberly, Charles Clayton Havertown, Pa.
Egger, Jerry Eugene York, Pa.
Emminger, Roy Robert Wyoming, Pa.
Endres, Thomas Edwin Pine Grove, Pa.
Erdman, Larry Gene Herndon, Pa.
Ermalinski, Peter New York, N. Y.
Ernst, Paul William Lewisburg, Pa.
Estep, Laura Jane New Oxford, Pa.
Etter, Catherine Louise Chambersburg, Pa.
Evans, Barbara Irene Honey Brook, Pa.
Evans, Doris Pearl Wilkes-Barre, Pa.
Evans, Susan Lucinda Harrisburg, Pa.
Fairty, Katherine Elizabeth Kearny, N. J.
Feeney, Lynn Stevens Chapel Hill, Tenn.
Ferster, Sarah Grace Dornsife, Pa.
Fife, Dawn Louise Dallastown, Pa.
Filipek, Paul George Union, N. J.
Fisher, Donald Paul Pine Grove, Pa.
Fleming, Stephen Poole Maple Glen, Pa.
Forgerson, Roger T. North Plainfield, N. J.
Forti, William Pio Mt. Carmel, Pa.
Fouquet, Charles William Tabor, N. J.
Frederick, John Howard Phoenixville, Pa.
Freimanis, Peter Vineland, N. J.
Froelich, Marilyn Louise Robesonia, Pa.
Froutz, Raymond E. Mt. Carmel, Pa.
Galbraith, William Thompson Lansdowne, Pa.
Gamble, Charles Ross Ridgewood, N. J.
Garver, Phyllis Elizabeth Merchantville, N. J.
Gebhard, Ruth Elizabeth Elizabethtown, Pa.
Genereaux, David Weeks Wilmington, Del.
Gerding, Elizabeth Ann Chalfont, Pa.
Gibney, James Ambrose Union, N. J.
Gilbert, Ronald D. Baltimore, Md.
Glicksman, Linda Rachel Larchmont, N. Y.
Godshall, Edith Harriet Barnesville, Pa.
Goldenbaum, Walter Carl Pearl River, N. Y.
Grebe, John Frederick Pottstown, Pa.
Greco, Shirley Ann Mt. Carmel, Pa.
Greening, Dolores Marion West Collingswood, N. J.

Gremel, Thomas Alan
Huntingdon Valley, Pa.
Griffith, Ann Elizabeth
York Haven, Pa.
Grude, Christian Fred
Philadelphia, Pa.
Guarna, Leonard Thomas Atlas, Pa.
Hafer, Richard Wynn Sunbury, Pa.
Hancock, Robert Bradford
Johnstown, Pa.
Harris, Susan Anne Rowayton, Conn.
Hart, Gary Edward Wyckoff, N. J.
Hatfield, Cortland M. Westwood, N. J.
Helriegel, Lynne Berwyn, Pa.
Henss, Walter John Union, N. J.
Henzel, Henry Brentwood
Glenside, Pa.
Hershey, Harold Jay Intercourse, Pa.
Hickson, Jean Barbara
Haddonfield, N. J.
Hillman, Gene Elston Berwyn, Pa.
Hinkel, Phoebe Jane Danville, Pa.
Hirsch, Richard Arthur Leonia, N. J.
Hoover, Blairanne York, Pa.
Hughes, Philippa Connor
Westfield, N. J.
Hutchinson, James G.
Beach Haven Gardens, N. J.
Jacobs, Clyde Hillock
Northumberland, Pa.
Jauck, Thomas Moncrief
Wantagh, N. Y.
Jervis, R. Alex Schwenksville, Pa.
Johnson, Bonnie Lea Danville, Pa.
Joyce, Nancy Walker
Collingswood, N. J.
Karschner, Richard Shimer Adams, Pa.
King, Michael Paul Burlington, N. J.
Kishpaugh, Pamela Catherine
Allentown, Pa.
Koch, David Allen Hollidaysburg, Pa.
Koslow, Tonia Anne
Queens Village, N. Y.
Kramlick, Paul Eugene Ranshaw, Pa.
Krichev, Alan Camden, N. J.
Kuhn, Milton Melker
Philadelphia, Pa.
Kuntz, Rodger Eugene York, Pa.
Latimer, Ann Morris Paoli, Pa.
Lauver, Barry Lee Mifflinburg, Pa.
Lawrence, June Carol Springfield, Pa.
Leadbeater, Holly Avis Glenside, Pa.
Leid, Mahlon Kent Denver, Pa.
Leininger, Scott Ronald
Baltimore, Md.
Lewis, Greyson Prevost
Mifflinburg, Pa.
Lewis, William Thoburn
Shamokin, Pa.
Limbert, Priscilla Fay Closter, N. J.
Lipkin, Maxine Rona
Morris Plains, N. J.
Long, Victoria Susan Friedens, Pa.
Losiewicz, Anthony Robert
Shamokin, Pa.
Loughridge, Jacquelyn June
Ardmore, Pa.
Lowden, Joseph Jonathan
State College, Pa.
Luders, John Calvin Philadelphia, Pa.
Luth, Robert John Greenwich, Conn.
Lynn, David Earl New Columbia, Pa.
Lytle, Robert Warren Sunbury, Pa.
McCloskey, Richard Alan
Havertown, Pa.
McGowin, Judith Earle
Southampton, N. J.
McKenna, Sheila Marie
Long Valley, N. J.
Mackey, Cathleen Walsh
Haddon Heights, N. J.
Maier, Barbara Jeanne
White Haven, Pa.
Mancke, Robert Bell Bethlehem, Pa.
Mark, Allen David DuBois, Pa.
Marsh, Judith Lee
Western Springs, Ill.
Marsicano, Carol Dianne
Pine Grove, Pa.
Martens, Marilyn Jean Towson, Md.
Martz, Ronald Edward Sunbury, Pa.
Maslin, Milton Howard, Jr.
Philadelphia, Pa.

Masullo, Raymond Roger
Jersey City, N. J.
Matson, Peter Loyd Teaneck, N. J.
Mattern, Nancy Louise Shamokin, Pa.
Mellon, Seward Prosser Ligonier, Pa.
Mercado, Miguel Arcangel
Manchester, Vt.
Meserole, Richard Bernard
Bellaire, N. Y.
Metz, William Robert Easton, Pa.
Metzger, Samuel Edward
Roaring Spring, Pa.
Michael, William Monroe Milton, Pa.
Miles, Graydon Mervine
Lewisburg, Pa.
Miller, Carl Frederick York, Pa.
Miller, Suzanne Rebecca
Quakertown, Pa.
Miller, Wayne Wright
Selinsgrove, Pa.
Minch, Marilyn Grace Coraopolis, Pa.
Moreland, Marigail Edgewood, Md.
Mores, Herbert MacCuish
Hackensack, N. J.
Moyer, Anna Kathryn Harrisburg, Pa.
Murray, Bruce Nicholson
Stratford, Conn.
Mychak, Dennis Roman
Mt. Carmel, Pa.
Myers, Lonnie Charles
Thomasville, Pa.
Myers, Rebecca Louise
Westminster, Md.
Myers, Thomas Llewellyn
Lock Haven, Pa.
Nafash, Richard Corey
Ridgefield, N. J.
Neier, Kathryn Alison
Hackensack, N. J.
Newbury, Robert M. Shamokin, Pa.
Newton, Margaret Rebekah
Broomall, Pa.
Norcross, Diane Verona, N. J.
Ocker, Carol Ann Hagerstown, Md.
Oehlert, Ronald Edwin Royersford, Pa.
Okwiya, Gideon Morrel Maseno, Kenya
Owens, Gary William Lewisburg, Pa.
Pavelko, Ann Ellen Kathryn
Girardville, Pa.
Pearce, William Cooper
Philadelphia, Pa.
Peischl, Thomas Topton, Pa.
Pennypacker, Frank David
Stratford, N. J.
Peterson, Lucinda Ann Clearfield, Pa.
Petrie, Susan Carol Damascus, Md.
Pfrommer, John William
Pottstown, Pa.
Plitt, Barry Lee York, Pa.
Pokornicky, Edward John
New London, Conn.
Potts, Sandra Elaine Pine Grove, Pa.
Price, Jean VanDyke Bala Cynwyd, Pa.
Rawlings, Russell Byrd Bethlehem, Pa.
Ray, Frances Isabel Sunbury, Pa.
Ream, Randall Thomas York, Pa.
Reed, Robert Jarden, Jr. Paoli, Pa.
Rehmeyer, Edwin Lee
Stewartstown, Pa.
Reichley, Eric Lee Selinsgrove, Pa.
Revak, David John Mt. Carmel, Pa.
Reynolds, Douglas Leonard
Robbinsville, N. J.
Rhoades, Richard Craig Nazareth, Pa.
Rhodes, Judith Ann Stroudsburg, Pa.
Richmond, Lynne
New Monmouth, N. J.
Risley, Marilyn Ruth
Scotch Plains, N. J.
Rothermel, Donna Marie
Mt. Carmel, Pa.
Ryan, Adelaide Ithaca, N. Y.
Satow, Robert Glenn Canton, Ohio
Saunders, William Lee Mt. Holly, N. J.
Saylor, Deanna Leona Dallastown, Pa.
Schaffrath, Karl Heintz Fritz
Washington, D. C.
Schnure, Sarah Jane Selinsgrove, Pa.
Scholl, John Foster Shamokin Dam, Pa.
Schultheis, Robert Aiken
Philadelphia, Pa.
Seifried, Karen Ann Newark, N. J.
Seitz, Steven Lynn Hummelstown, Pa.
Seyss, Daniel Robert Teaneck, N. J.

Shaw, John Howe, III Milton, Pa.
Sheppard, John Donal Lancaster, Pa.
Shirk, Robert Dawson Lebanon, Pa.
Shurr, Victoria Elaine Reading, Pa.
Smedley, Judith Anne Barnesville, Pa.
Smiley, Ruth Ann Norristown, Pa.
Smith, Lee Kessler Thompsontown, Pa.
Snyder, Aleida Carolyn Danville, Pa.
Snyder, Mary Louise Lansford, Pa.
Stauffer, Fredrick Erwin York, Pa.
Stevens, John Pfouts Mt. Lebanon, Pa.
Stichler, Judith Maris Reading, Pa.
Strang, Edward Ernest
King of Prussia, Pa.
Streamer, Richard Hayden
State College, Pa.
Stricker, Edward Clay Harrisburg, Pa.
Stroh, Thomas Felix Danville, Pa.
Sturgis, Nancy Jean Glenside, Pa.
Styer, Bruce Franklin Mifflinburg, Pa.
Sweet, Marjorie Barnes Auburn, N. Y.
Swenson, Nancy Loraine
Boyertown, Pa.
Swope, R. Brent Harrisburg, Pa.
Toconita, Aurelie Maria Ardmore, Pa.
Tomasko, Suzanne Wargo
Hazelton, Pa.
Topper, John Abram Hyndman, Pa.
Tweed, Carolyn May
Williamstown, N. J.
Ueberroth, Timothy Duane
Bethlehem, Pa.
Ulrich, Joseph Emery Middleburg, Pa.
Undy, Suzanne Rulon
West Cape May, N. J.
Unglaub, Alfred Max Kenilworth, N. J.
Updegrove, Carol Alyce
Northumberland, Pa.
VanDine, Henry David
Doylestown, Pa.
Vignone, John Achille
New Milford, N. J.
Walker, William Robert Sunbury, Pa.
Walser, Paul Nicholas Sugarloaf, Pa.
Ward, Virginia Grace
Kenilworth, N. J.
Watson, Robert Geoffrey York, Pa.
Watts, Robert Newton Lititz, Pa.
Webster, Hope Milton, Pa.
West, Mary Louise Pennsauken, N. J.
Wilkinson, David Marshall
Mt. Carmel, Pa.
Winans, Rita Claire Danbury, Conn.
Winegardner, Robert Dennis
Buffalo, N. Y.
Wolcott, Gaye Allison Camp Hill, Pa.
Wolf, Vaughn Arthur
Port Trevorton, Pa.
Woolley, Dorothy Bartlett Hershey, Pa.
Yoder, Jesse Elrose Winfield, Pa.
Zelinsky, Michael Lyndhurst, N. J.
Zerbe, Gary Gilbert Dalmatia, Pa.
Ziegler, Audrey Elizabeth Glenside, Pa.
Zimmerman, James Lewis
Wormleysburg, Pa.
Zimmerman, Susan Elizabeth
Sunbury, Pa.

SPECIAL STUDENTS 1961-62

Brubaker, Gloria Graybill
Liverpool, Pa.
Cuff, Mrs. Cornelia Sunbury, Pa.
Elkington, Harriet Penns Creek, Pa.
Fiedler, Herman Sunbury, Pa.
Gass, Ruth Margaret Sunbury, Pa.
Hennessey, The Rev. Joseph B., Jr.
Selinsgrove, Pa.
McGaugh, Mrs. Vaughn Sunbury, Pa.
Ritter, Mrs. Charles Selinsgrove, Pa.
Robel, Anthony Charles Shamokin, Pa.
Roberts, Elizabeth Forty Fort, Pa.
Schaeffer, The Rev. Donald R.
Selinsgrove, Pa.
Shaffer, Alfred Garfield Sunbury, Pa.
Slater, Louise E. Selinsgrove, Pa.
Stauffer, Nancy Reinard
Port Trevorton, Pa.
Wagner, Lynn Taylor Lewisburg, Pa.

SUMMER SCHOOL 1961

Aigars, Biruta M. Harrisburg, Pa.
Amerman, George Franklin Sunbury, Pa.
Ayers, Hester Bittinger Selinsgrove, Pa.
Baldwin, Kent T. Williamsport, Pa.
Bealor, Barry Benjamin Shamokin, Pa.
Bechtel, Chester Maurice Sunbury, Pa.
Bollinger, Carol Ann Northumberland, Pa.
Brosius, Arthur Avondale, Pa.
Brubaker, Gloria Graybill Liverpool, Pa.
Brubaker, Lester Lavone Selinsgrove, Pa.
Brubaker, Marvin Linns Selinsgrove, Pa.
Bucher, Richard Eugene Liverpool, Pa.
Claffee, Barbara Jeanne Pennsauken, N. J.
Cordas, Michael T. Steelton, Pa.
Corson, Ann Louise Hughesville, Pa.
Davis, Carole P. Marlton, N. J.
Deibler, Ronald Bogar Selinsgrove, Pa.
Duncan, Boyd Jervis Blue Bell, Pa.
Edwards, Herbert Leslie Sunbury, Pa.
Ewing, Meredyth Hanway Pittsburgh, Pa.
Fausey, William Lester Selinsgrove, Pa.
Foehl, Shirley Anne Springfield, Pa.
Frank, John Kenneth Jr. Mt. Carmel, Pa.
Gahan, David Richard Selinsgrove, Pa.
Graybill, Diana Mae Port Trevorton, Pa.
Gresh, Carol Ann Northumberland, Pa.
Hackenberg, Barry Miller Mifflinburg, Pa.
Hall, Peter Bergenfield, N. J.
Heilig, Jack Craig York, Pa.
Hettenbach, Lloyd Robert Bloomfield, N. J.
Hobbes, Carol Mae Milton, Pa.
Inners, Jon David Selinsgrove, Pa.
Karniol, William George Sunbury, Pa.
Keib, Kenneth David Scranton, Pa.
Kilburn, Anthony Chappaqua, N. Y.
Kleinbauer, Joe William Middleburg, Pa.
Knouse, Valerie Scotch Plains, N. J.
Knox, James MacDonald Ridgway, Pa.
Kratzer, Kenneth Earl Selinsgrove, Pa.
Lawrence, Ethel Mae Sunbury, Pa.
Loeffler, Karen Marie Pittsburgh, Pa.
McCahan, Walter Keith Selinsgrove, Pa.
McCarrick, Thomas Cole Millport, N. Y.
Malone, Marvin James Delta, Pa.
Markle, Neal James Oreland, Pa.
Mease, Kenneth Webster Selinsgrove, Pa.
Moore, George Levi Gordon, Pa.
Moyer, Carl Winston Port Trevorton, Pa.
Murray, Jean Adair Altoona, Pa.
Nace, Francis Allen Selinsgrove, Pa.
Neff, Doris Jean Sunbury, Pa.
Padula, Anthony Michael Kulpmont, Pa.
Perot, James Flourtown, Pa.
Peyakovich, Paul Samuel Minersville, Pa.
Pollard, Ronald Frank Selinsgrove, Pa.
Porter, Gerald Hill Selinsgrove, Pa.
Pressley, George Paul III Pittsburgh, Pa.
Raffetto, David James Furlong, Pa.
Read, Elizabeth Margaret New Castle, Pa.
Reese, Edward Beaven Kenilworth, N. J.
Remler, Dan Curtis Scotch Plains, N. J.
Riesmeyer, Ann Neta Pittsburgh, Pa.
Rothermel, Judith Ann Wyomissing, Pa.
Rowe, Richard Emerson New London, Conn.

Schell, William W. Turbotville, Pa.
Schlader, Ronnie Edward Ashland, Pa.
Seaman, Jeanette Roux Sunbury, Pa.
Shirey, Samuel Rhine Lewistown, Pa.
Shirk, Walter Wintersteen
Pleasant Gap, Pa.
Sholley, Sandra Kay Lewisburg, Pa.
Shomper, Dorothy Jeanne
Shamokin, Pa.
Shuker, William K. Selinsgrove, Pa.
Shuler, Wayne Robert Liverpool, Pa.
Siple, Ann Royer Duncannon, Pa.
Smith, David Monroe Emporium, Pa.
Stevens, John Pfouts Pittsburgh, Pa.
Stone, Gary Winn Weatherly, Pa.
Taylor, Patricia Ann Altoona, Pa.
Telgheider, Ernest Henry
Springfield, Pa.
Treon, John Robert Sunbury, Pa.
Trommetter, James Lawrence
Gordon, Pa.
Voiles, Michael Charles
Wind Gap, Pa.
Weber, Carol Shearer Selinsgrove, Pa.
Whitko, Donald Andrew Danville, Pa.
Whitmoyer, Elnora Emagean
Selinsgrove, Pa.
Wiest, Kenneth Lamar Pillow, Pa.
Wilde, James Marlyn Berwick, Pa.
Winters, Christopher Livingston
Williamsport, Pa.
Zampetti, Blase John Bayonne, N. J.

ENROLLMENT SUMMARY

	Men	Women	Total	
Seniors	59	40	99	
Juniors	92	80	172	
Sophomores	147	80	227	
Freshmen	172	126	298	
	470	326	796	
Studying in Europe		1	1	
	470	327	797	
Special Students	7	9	16	
	477	336	813	813
Summer Session 1961	64	25	89	
Names Repeated			71	18
				831

GEOGRAPHIC DISTRIBUTION OF STUDENTS ENROLLED IN REGULAR SESSION

1961-62

Connecticut	6	7	13
Delaware	4		4
Illinois		1	1
Maryland	5	6	11
Massachusetts		1	1
New Jersey	73	58	131
New York	26	14	40
North Carolina		1	1
Ohio	1	1	2
Pennsylvania	346	238	584
Tennessee	1		1
Vermont	1		1
Washington, D. C.	3	1	4
West Virginia		1	1
Total, United States	466	329	795
Canada		1	1
Kenya	1		1
	467	330	797

16:

Degrees Conferred in 1961

HONORARY DEGREES

Doctor of Divinity

Bernard William Krapf Selinsgrove, Pa.

Benjamin Gertz Lotz Selinsgrove, Pa.

Doctor of Humane Letters

Sylvester Kirby Stevens Harrisburg, Pa.

Doctor of Civil Law

Joseph Sill Clark, Jr. Philadelphia, Pa.

DEGREES IN COURSE

Bachlor of Arts

Marvin Linus Brubaker, *cum laude* Selinsgrove, Pa.

Eugene Francis Alichwer Lake Ariel, Pa.

Ronald Lewis Anthony East Stroudsburg, Pa.

Gilbert Charles Askew Baltimore, Md.

Glenn Roy Bowman York, Pa.

Mac Donald Cave Havertown, Pa.

William Joseph Chamberlain Ringtown, Pa.

Lee Roger Conrad Sunbury, Pa.

John James Curry Florida, N. Y.

Joan Brenneman Curtis Paxtonville, Pa.

Richard Stockton Davis Marlton, N. J.

Charles Philip Deitrich New Bloomfield, Pa.

Jane Reichenbach Geuder, *cum laude* Sunbury, Pa

Richard Edward Derrick Morris Plains, N. J.

William Esmond Ecenbarger Lindenhurst, N. Y.

Elmer Heim Eiche Reading, Pa.

Richard Larue Fausey Sunbury, Pa.

Karen Faith Goeringer Philadelphia, Pa.

Jane Kistner Guinn Danville, Pa.

Marlin Allen Inch Selinsgrove, Pa.

Barbara Carol Irre Riviera Beach, N. J.

Edward Leonard Jones Bristol, Pa.

Thomas John Keener Rehrersburg, Pa.

Virginia Nancy Kratz Danville, Va.

Carol Jean McCloy Mays Landing, N. J.

Laurance William Miller
East Stroudsburg, Pa.
Joan Stanton Morris Morristown, N. J.
Charles Russell Nelson
Philadelphia, Pa.
Patricia Elaine Ney Pine Grove, Pa.
James Calude Papada Minersville, Pa.
Francis Anthony Procopio
Kulpmont, Pa.
Charles Thorvald Rasmussen
Philadelphia, Pa.
Neal David Rebuck Dornsife, Pa.
Larry Clifton Robbins Sunbury, Pa.
William Wilber Schell Turbotville, Pa.
David Leon Stocum Jersey Shore, Pa.
Stephen Thomas Toy Mt. Carmel, Pa.
Linda Jeanne Traub Feasterville, Pa.
Margaret Louise Webb Joppa, Md.
Allen Wilson Wernau Clifton, N. J.
Paul Philip Zimmerman, Jr.
Aaronsburg, Pa.

Bachelor of Science

Louis Russell Coons, *cum laude*
Seelyville, Pa.
Franklin Pierce Beatty, III Milton, Pa.
John Llewellyn Biber
Queens Village, N. Y.
Maurice Henry Bobst, Jr. Hawley, Pa.
Carl Frederick Bogar Selinsgrove, Pa.
Roy Hoyer Burns, Jr.
Thompsontown, Pa.
Donald Robert Davis Ardmore, Pa.
Nancy Ann Davis Bendersville, Pa.
Roy Allen Fiscus Clearfield, Pa.
Theodore Peter Fuhrer, II
Scranton, Pa.
David Alan Fuller New Bloomfield, Pa.
Charles Ray Hackenberg
Bethlehem, Pa.
Paul Weaver Harter Selinsgrove, Pa.
Thomas Person Helvig Selinsgrove, Pa.
Anna Louise Hewes Glendale, Mo.
David Edgar Hutchison Camp Hill, Pa.
John Robert Kashmere Atlas, Pa.
William Eugene Kissinger
Kreamer, Pa.
William Edward Korbich
Shamokin, Pa.
Robert Edgar Leighty Johnstown, Pa.
Richard Henry Melander
Rutherford, N. J.
George Levi Moore Gordon, Pa.
Willard Frank Rieger Bridgeton, N. J.
Thomas Theodore Schultz Atlanta, Ga.
Alfred Garfield Shaffer, III
Sunbury, Pa.
Raymond Clay Sharrow, Jr.
Bloomsburg, Pa.
Jack Frederick Snider
Williamsport, Pa.
William Thomas Squires
Harrisburg, Pa.
Elaine Virginia Turner Richboro, Pa.
Robert Adam Welker Selinsgrove, Pa.
Anne Elizabeth Wilson Selinsgrove, Pa.

Bachelor of Science (Music Education)

Jacquelyn Weakley Barber, *magna cum laude* Devon, Pa.
Gloria Anne Albert Beavertown, Pa.
John Edward Fries, V Scranton, Pa.
Harriet Daune Gearhart Sunbury, Pa.
June Windal Hackman Haddonfield, N. J.
Essene Jeannette Harvey Huntington Mills, Pa.
Annamae Hockenbrock Thompsontown, Pa.
Herman Kay Hopple Thompsontown, Pa.
John Thomas Korus Nanticoke, Pa.
Linda Kay Leonard McAlisterville, Pa.
Paul Andrew Martin Philadelphia, Pa.
Mary Esther Neece Williamsport, Pa.
Helen Elizabeth Rhoads Hollidaysburg, Pa.
Elizabeth Roberts Forty Fort, Pa.
Sandra Lee Schell Mifflintown, Pa.
Janice Eileen Stahl Lewisburg, Pa.
Jocelyn Elaine Swope Harrisburg, Pa.
Dana Flora Wilson Sunbury, Pa.

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UNIVERSITY BULLETIN

Correspondence Directory

To facilitate prompt attention, inquiries should be addressed as indicated:

Academic Information	*Dean*
Admissions	*Director of Admissions*
Alumni Interests	*Director of Alumni Relations*
Athletics	*Director of Athletics*
Business Matters	*Business Manager*
Gifts and Bequests	*President*
Health Services	*University Nurse*
Placement	*Director of Placement*
Publications, Publicity	*Director of Public Relations*
Religious Activities	*Chairman, Religious Life Committee*
Scholarships, Student Aid	*President*
Student Interests	*Dean of Students*
Summer Session	*Director of the Summer Session*
Transcripts, Academic Reports	*Registrar*

Visitors are welcome to the campus. Administrative offices are open Monday through Friday from 8:45 to 4:45 and on Saturday until 12. Applicants for admission are expected to make appointments in advance.

SUSQUEHANNA

UNIVERSITY

BULLETIN

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SELINSGROVE PENNSYLVANIA
OCTOBER-DECEMBER 1962

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cover: *Seibert Hall at Susquehanna University.*
Gouache painting by Hilda Karniol.

1:

Calendar for 1963-64

1963

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
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28	29	30	31			

SEPTEMBER

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NOVEMBER

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AUGUST

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2:

University Calendar for 1963-1964

1963		First Semester	
September	11	*Wednesday*	Freshman Orientation begins
September	13	*Friday*	Freshman registration
September	14	*Saturday*	Upperclass registration
September	16	*Monday*	Convocation
October	19	*Saturday*	Parents' Day
October	26	*Saturday*	Homecoming, Holiday
November	26	*Tuesday*	Thanksgiving vacation begins, 5:00 p.m.
December	2	*Monday*	Thanksgiving vacation ends, 8:00 a.m.
December	14	*Saturday*	Graduate Record Examinations
December	21	*Saturday*	Christmas vacation begins, noon
1964			
January	6	*Monday*	Christmas vacation ends, 8:00 a.m.
January	20	*Monday*	Final examinations begin
January	28	*Tuesday*	Final examinations end
1964		Second Semester	
February	3	*Monday*	Registration and first day of classes, 8:00 a.m.
March	21	*Saturday*	Spring vacation begins, noon
March	31	*Tuesday*	Spring vacation ends, 8:00 a.m.
May	2	*Saturday*	Alumni Day
May	9	*Saturday*	May Day, Holiday
May	20	*Wednesday*	Final examinations begin
May	28	*Thursday*	Final examinations end
May	31	*Sunday*	Baccalaureate Service at 11:00 a.m. Commencement at 3:00 p.m.
		Summer Session 1964	
June	15	*Monday*	Summer Session registration
June	16	*Tuesday*	Classes begin
July	24	*Friday*	Summer Session ends

3:

Purposes and Objectives

Susquehanna University was founded by leaders of the Lutheran Church in 1858 and remains in close affiliation with this church. It is supported in its purposes and objectives by the Central Pennsylvania Synod of the Lutheran Church in America.

Susquehanna University is basically a Liberal Arts college offering the Bachelor of Arts degree. Additional curricula lead to the degrees of Bachelor of Science in music education and Bachelor of Science in business administration.

Historically, Susquehanna has aimed to provide for its students adequate educational facilities and competent scholars as teachers who are vitally concerned in creating an environment dynamic to the production of Christian character among all those within the University community.

Academically, Susquehanna has limited itself to curricula in liberal arts, sciences and the above professions. It plans in the immediate future to concentrate in these fields of study. Through them, the University seeks to stimulate an appetite for pure learning which will prepare its students for the professions, the business world, and further study in recognized graduate schools. Susquehanna University desires to see in its students true scholarship interpenetrated with a genuine Christian faith.

4:
Introduction to Susquehanna

HISTORICAL SKETCH

Susquehanna University had its beginnings as the Missionary Institute of the Evangelical Lutheran Church, the cornerstone of which was laid on September 1, 1858, with the Reverend Dr. Benjamin Kurtz of the Maryland Synod as the founder. Established to supply the need for more ministers, the institution has broadened its scope to include the preparation of young men and women for the professions and postgraduate work, never ceasing to emphasize the necessity of the Christian way of life in all true education.

During its existence of more than one hundred years the institution has had thirteen presidents, all Lutheran ministers except one, Dr. John I. Woodruff, who served as acting president for one year.

In 1873 Missionary Institute became a pioneer in the field of coeducation by admitting women from the defunct Susquehanna Female College of Selinsgrove. In 1895 the corporate name of Missionary Institute was changed to Susquehanna University.

From the beginning the institution maintained a classical or collegiate department as well as a theological department. In 1882 music courses were established in the classical department and an independent music department was started in 1900. During this same year the business department was begun. All of these curricula continue to the present day except for the theological department which disbanded in 1933.

The history of Susquehanna might well be divided into four eras: 1858-1904, the formative years; 1905-1927, the age of expansion; 1928-1958, the period of consolidation; and, beginning with

the advent of President Weber in February 1959, renewed expansion.

Presidents have been: Benjamin Kurtz, D.D., LL.D. (1858-1865); Henry Ziegler, D.D. (1865-1881); Peter Born, D.D. (1881-1893); Franklin P. Manhart, D.D., LL.D. (1893-1895); J. R. Dimm, D.D., LL.D. (1895-1899); C. W. Heisler, D.D. (1899-1901); John I. Woodruff, Litt.D., LL.D., *Acting President* (1901-1902); G. W. Enders, D.D. (1902-1904); J. B. Focht, D.D. (1904-1905); Charles T. Aikens, D.D. (1905-1927); Jacob Diehl, D.D., *Acting President* (1927-1928); G. Morris Smith, M.A., D.D., LL.D. (1928-1959); Gustave W. Weber, B.A., B.D., S.T.M., Th.D., D.D. (1959-).

LOCATION AND ENVIRONMENT

SUSQUEHANNA UNIVERSITY is located at Selinsgrove, Pennsylvania, a town of about 4000 inhabitants, 50 miles north of Harrisburg and five miles south of Sunbury, on a campus of 130 acres. Situated on the Susquehanna River in Snyder County, Selinsgrove is a pleasant, small town in one of the most beautiful river valleys in America.

Selinsgrove is reached by bus from Harrisburg or Sunbury, both of which are served by the Pennsylvania Railroad. In addition, the Harrisburg Airport is served by Allegheny, Capital, and Trans World Airlines; the Williamsport Airport, by Allegheny and TWA. By automobile Selinsgrove is approached from the north and south by Routes 11 and 15, from the west by Route 522, and from the east by Route 122.

ACCREDITATION

SUSQUEHANNA UNIVERSITY is fully accredited as a four-year liberal arts college by state and regional accrediting organizations, including the Middle States Association of Colleges and Secondary Schools, the Pennsylvania State Department of Public Instruction, and the Board of Regents of the University of the State of New York. Susquehanna is approved by the American Association of University Women and is an associate member of the National Association of Schools of Music.

Susquehanna is also a member of the Association of American Colleges, the American Council on Education, and the National Lutheran Educational Conference.

SUPPORT AND CONTROL

FINANCIAL SUPPORT is given Susquehanna by the Central Pennsylvania Synod and the Board of College Education and Church Vocations of the Lutheran Church in America. Additional funds derive from loyal alumni and friends, other synods, foundations, business and industry. Susquehanna cooperates with 42 other Pennsylvania Colleges in promoting the program of the Foundation for Independent Colleges, Inc.

Control of Susquehanna University is vested in a Board of Directors of 36 members. Eight of these — four clergymen and four laymen — are elected by the Central Pennsylvania Synod. Two are nominated by the Alumni Association.

FACULTY

THE PRESENT FACULTY of Susquehanna University numbers 74; including six persons who serve on a part-time basis. In keeping with the University's stated purpose and objectives, Susquehanna expects of its faculty members: (1) competent or superior training, (2) experience, (3) genuine interest in the individual student, (4) vital concern for the nurture of Christian character in all members of the University community.

STUDENT BODY

STUDENT REGISTRATION at Susquehanna for 1962-63 totaled 939, representing seventeen states, the District of Columbia, Canada, France, Syria and the British West Indies. Traditionally, a majority of the students come from Pennsylvania. The Susquehanna student body is generally known as one of serious purpose and good conduct, seeking to take advantage of its opportunity to develop capabilities of scholarship, personality, leadership, and usefulness.

ALUMNI

WITH BEGINNINGS that date to 1884, the Alumni Association of Susquehanna University has approximately 3800 graduates and former students on its rolls. All the leading professions are represented with a number of Susquehanna alumni holding posts of par-

ticular prominence in the fields of business, education, religion, science, engineering, music, medicine, and law. Alumni are located in 40 states and many foreign countries.

The Alumni Association is governed by an elected body of officers and the Alumni Council. It sponsors an annual Alumni Loyalty Fund, publishes the quarterly *Susquehanna Alumnus,* and organizes alumni activities on the campus and in 21 district clubs.

WOMEN'S AUXILIARY

More than 2000 loyal women have banded themselves together to stimulate and support the welfare and progress of Susquehanna. Through the Women's Auxiliary, organized in 1922, these women have been responsible for raising funds for many worthwhile building and furnishing projects on the campus. The largest gift from the auxiliary totaled nearly $50,000 toward the construction of Heilman Music Hall. The auxiliary meets monthly during the academic year. Membership is open to all women who are interested in the University.

5:

Campus and Facilities

On Susquehanna's attractive campus of 130 acres there are twenty-two brick buildings spanning a construction period of more than 100 years. Well-kept lawns, athletic fields, and some 1000 trees and shrubs of nearly 100 species add to its beauty the year around. Future development and erection of new buildings follow the logical, forward-looking, master plan of a campus architect.

BUILDINGS

Selinsgrove Hall is Susquehanna's first building. It was built in 1858 very largely through the generosity of the people of Selinsgrove and vicinity. During the days of Missionary Institute, from 1858 to 1895, it was the only building on the campus and contained a dormitory for men, classrooms, literary society halls, and a chapel. A substantial three-story building, today it houses administrative offices exclusively. Selinsgrove Hall was extensively renovated in 1959 and 1961.

Gustavus Adolphus Hall is a three-story building containing the student lounge, snack bar, and post office on the first floor, and a men's dormitory on the second and third floors. This is the second oldest building on the campus, having been completed and dedicated in 1895.

Seibert Memorial Hall is a large, colonial-style building erected in 1901-1902. It was named in honor of Samuel Seibert of Hagerstown, Maryland, whose will provided the University with $20,000. This gift from the Seibert estate was made possible largely through the efforts of Dr. S. W. Owen of Hagerstown, who was president of the Board of Directors at the time. The first floor of Seibert Hall includes reception rooms and social parlors, the chapel, and Horton Dining Room. The second and third floors are dormitories for women. The ground floor contains the Campus Book Store, a faculty lounge and additional dining rooms. The Möller three-

manual pipe organ in the chapel was presented by William A. Hassinger in memory of his wife, Mrs. Almeda M. Hassinger. Seibert Hall was extensively renovated in 1960.

Steele Science Hall, completed in 1913, was built through the gifts of the late Charles Steele, other directors of the Board, and friends of the University. It contains the laboratories and facilities for the Division of Natural Sciences and Mathematics.

Hassinger Memorial Hall, a modern fireproof dormitory dedicated in 1921, was erected largely through the gifts of the family of Martin Luther Hassinger, a former director of the University. Besides its three floors of dormitories for women, Hassinger contains library stacks for seldom-used books on the ground floor. This building underwent major renovations in 1958 and 1959, and will be used as a dormitory for men in 1963-64.

Alumni Gymnasium was constructed in 1935, replacing an older building destroyed by fire. Money for construction of the new gymnasium, raised under the leadership of Dr. G. Morris Smith, who was President of the University, was contributed by alumni, friends, faculty, and directors of Susquehanna. The main floor includes facilities for indoor baseball, volleyball, tennis, handball, badminton, and gymnastic activities, as well as offices for the physical education staff. The ground floor contains locker rooms, shower rooms, play rooms, and separate equipment facilities for men and women. An addition completed in 1962 provides two additional large rooms for wrestling and general activities.

Jerry D. Bogar, Jr. Hall was dedicated in 1951. Modern in every detail, this fireproof building contains classrooms, lecture and seminar rooms, faculty offices, and special facilities for the Art and Business Administration departments. It also houses Benjamin Apple Theatre with its stage, auditorium, workshops and storerooms. The building was erected partly with funds contributed during the Christian Higher Education Year appeal. Outstanding donors were Jerry D. Bogar, Jr. and his son, Guy M. Bogar, alumni of Susquehanna University.

Heilman Hall, the home of Susquehanna's Division of Music, was dedicated in 1958, its construction made possible largely through a substantial gift from the late Mrs. May Heilman Spangle of Williamsport, Pennsylvania. This especially well-equipped build-

ing contains four classrooms, twenty individual practice rooms, ten instruction studios, a rehearsal hall, library and listening room, reception hall, and an office for the division head. Valued at some $300,000, Heilman Hall was also partially underwritten by Susquehanna's Women's Auxiliary and the synodical Centennial Appeal.

The Library, completed in 1958, is more than double the size of the original library built 30 years earlier. Its facilities include several reading rooms and stack areas, carrels for private study, rooms for periodicals, cataloging, typing, record listening, reserve books, reference material, microfilm reading, and offices.

The book collection now numbers more than 45,000; approximately 2500 titles are added annually. Special collections include the Wilt bequest of works especially interesting to music students, and the Pennsylvania collection. In addition, the Snyder County Historical Society houses its collection in the library, and makes its books available to the authorized public. Currently the library receives about 300 periodicals and nearly all the major indices.

Open 69 hours each week, the Susquehanna library serves as an integral part of classroom study and provides stimulating materials for undergraduates, faculty, and friends in the community. To acquaint them with the basic tools of research, ten hours of instruction are given all freshmen by the librarians.

Two new residence halls, constructed and furnished at a cost of nearly $1,250,000, were occupied for the first time in the fall of 1961. Named for two former presidents of Susquehanna, *Charles T. Aikens Hall* houses 150 men and *G. Morris Smith Hall* houses 148 women and several sorority suites. Aikens and Sheldon lounges in these residences were furnished by the Susquehanna Women's Auxiliary.

The Health Center, formerly the home and office of the late Dr. Henry C. Benzenberg, provides complete facilities for Susquehanna's Health Service. The handsome, white brick, colonial building contains examining and treatment rooms, a drug room, infirmary, waiting room, and office and apartment for the University nurses.

Pine Lawn is the house occupied by the President of the University. It was erected in 1929.

The Cottage contains a number of faculty offices.

Nine residences on the campus are occupied by members of the faculty and staff.

Two new fraternity houses, completed in 1960, are located on the west campus. One fraternity house is immediately adjacent to the campus at 308 University Avenue. The house at 301 University Avenue, given to the University in 1961 by Mr. and Mrs. Claude G. Aikens of State College, Pa., is currently occupied by a fourth fraternity.

A central heating plant, maintenance building and a laundry are located on the campus proper.

OTHER FACILITIES

Latimer S. Landes Memorial Gateway stands at the main, east entrance to the campus. It was erected in 1959 through the generosity of Mrs. Latimer S. Landes in memory of her late husband, a prominent York, Pennsylvania physician who was president of the Class of 1911 and a member of the University's Board of Directors.

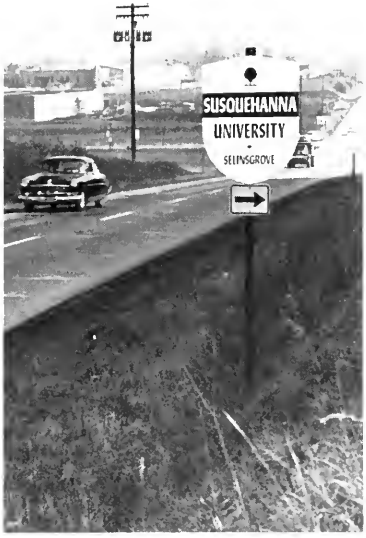
University Field, located east of the gymnasium, includes two gridirons, soccer and baseball fields, four all-weather tennis courts, and a quarter-mile track with a 220-yard straight-away. Other playing fields are located on the West Campus.

Women's Athletic Field, west of the gymnasium, includes fields for hockey and soccer, and an archery range.

The Campus Book Store, on the ground floor of Seibert Hall, is the source for text books, other reading matter to stimulate intellectual growth, school supplies and specialties.

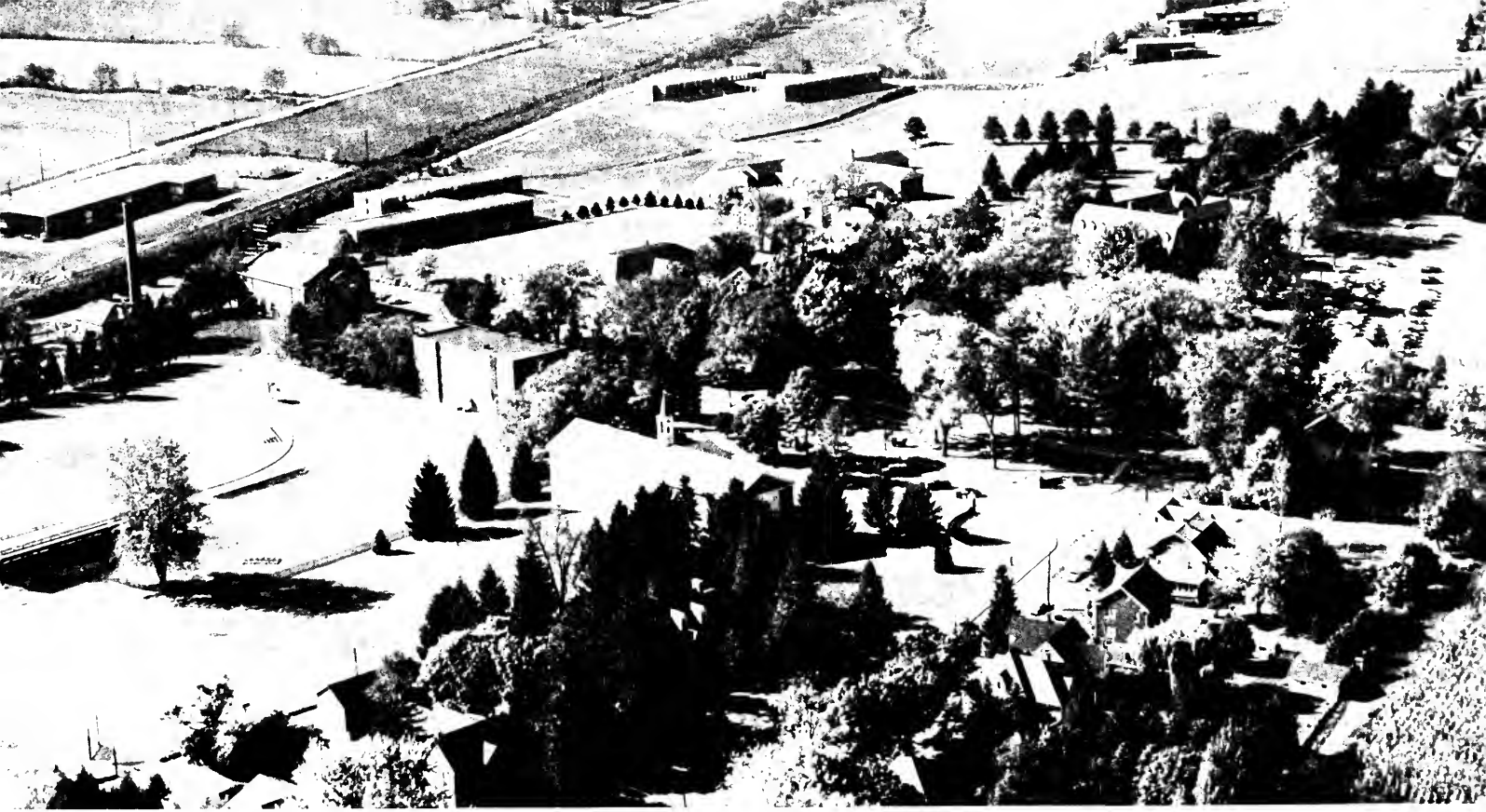
A *Health Service* is operated under the direction of the University nurses, with the main dispensary located in the Health Center. The nurses and one of Susquehanna's University physicians are on duty at regular clinic hours each day. Their services are available to all students in the dormitories and fraternity houses for treatment of illness or injuries. In addition, infirmary facilities are maintained for students housed in the dormitories.

The Susquehanna University Press, publishing since 1936 an annual journal of faculty research articles under the title *Susquehanna University Studies,* received official sanction in 1944. During the years since, more than twelve books have been published, in-



Trailblazer signs direct the traveler to Susquehanna University at Selinsgrove.

Landes Gateway stands at the eastern entrance to the campus.



An aerial view of Susquehanna showing new dormitories in left and center baekground. Additional playing fields are off to the left.

cluding six volumes of the *Studies*. The first full-length book was *Walk the Long Years,* a narrative of the Susquehanna Valley by Frederic Brush. Recent books were *The Story of Susquehanna University* by William S. Clark and Arthur H. Wilson, and *The Hawaiian Revolution (1893-94)* and *The Hawaiian Republic (1894-98)* by William A. Russ, Jr.

TELEPHONES

SUSQUEHANNA UNIVERSITY's telephone number is DRake 4-2345. From 8:45 a.m. to 5:00 p.m. weekdays this number may be used to reach dormitories and all administrative offices except the Health Center (DRake 4-0126). Throughout the day and after hours, dormitories and fraternity houses may be reached at the pay station numbers listed.

DIRECTORY

Men's Dormitories

Aikens Hall, north wing ..... DRake 4-9722
south wing ..... DRake 4-9745
Gustavus Adolphus Hall, lounge ..... DRake 4-9941
second floor ..... DRake 4-9703
309 University Avenue ..... DRake 4-9813

Women's Dormitories

Hassinger Hall ..... DRake 4-9850
Seibert Hall ..... DRake 4-9862
Smith Hall, north wing ..... DRake 4-9830
south wing ..... DRake 4-9733

Fraternities

Lambda Chi Alpha, West Campus ..... DRake 4-9842
Phi Mu Delta, 308 University Avenue,
first floor ..... DRake 4-8542
second floor ..... DRake 4-9698
Tau Kappa Epsilon, 301 University Avenue .... DRake 4-8416
Theta Chi, West Campus, first floor ..... DRake 4-9755
second floor ..... DRake 4-9797

6:

Student Life

RELIGIOUS LIFE

EDUCATION without religion is incomplete. Susquehanna stands for a steady and consistent cultivation of religious life. Each student is expected to attend the University chapel and the church of his choice regularly.

The Student Christian Association carries on a voluntary religious program throughout the year. By the example of their own lives, members seek to lead others to the full expression of their personalities and, through friendship, to acquaint new students with the ideals of college life.

SOCIAL LIFE

SUSQUEHANNA UNIVERSITY, a coeducational institution, seeks to supply a normal, natural development in refined and cultural surroundings. Social life is under the control of a faculty committee. All social events, with chaperons specifically named, must receive the approval of the faculty social committee.

STUDENT ORGANIZATIONS AND ACTIVITIES

NEW STUDENT ORGANIZATIONS may be formed by having their constitutions and by-laws approved in advance by the administration and faculty. All changes in the existing constitution and by-laws must also be approved. All college organizations (except those maintaining dormitories or dining halls) which collect dues or assessments or raise money otherwise for any purpose are required to keep their funds on deposit with the office of the Bursar, thus securing a complete and accurate accounting for all funds received

and spent. This procedure is not designed to relieve the organization officers of any responsibility.

STUDENT GOVERNMENT

THE STUDENT COUNCIL serves as the students' governing instrument for directing and/or supervising student life at Susquehanna. It provides for student government on a democratic basis. All of its activities are under the guidance of the administration of the University.

The Student Council consists of fourteen members in a ratio proportionate to the existing college enrollment. These members are elected for a term of one year by the student body from a slate proposed by the existing Student Council.

Students are encouraged to take an active part in the various activities of the Student Council.

STUDENT PUBLICATIONS

THERE ARE three official student publications at Susquehanna, each fulfilling a specific function.

The Student Handbook serves as a guide and reference book to all new students. It is published annually by the Student Christian Association.

The Crusader is the official student newspaper of Susquehanna University, published weekly throughout the school year except for vacation and testing periods. The purpose of *The Crusader* is to serve as a college news source for students, faculty and administration and to provide students of journalistic bent with an opportunity for expression and experience.

The Lanthorn is issued annually by members of the junior class. The Susquehanna yearbook, it contains a record of college life portrayed by pictures, prose and poetry.

ATHLETICS

SUSQUEHANNA recognizes the important place which organized games and sports play in college life. The athletic program of the University, controlled by a faculty committee, is an integral part of the educational objective of the University.

Susquehanna is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Northern College Division, Middle Atlantic Conference. It fields intercollegiate teams for men in football, soccer, cross country, basketball, baseball, tennis, track, and golf. Women play intercollegiate field hockey and basketball.

Amateur standards are strictly maintained in intercollegiate sports. No scholarships are given for athletic ability alone. Athletes secure and retain academic scholarships by meeting the same scholastic standards which are required of all other scholarship holders.

Great emphasis is placed on intramural games for both men and women. The Women's Athletic Association and the Men's Intramural Board organize and conduct the contests and the giving of awards. An unusually large proportion of students who are not on varsity teams thus participate in the athletic program.

NATIONAL SOCIETIES

FOUR NATIONAL societies maintain active chapters at Susquehanna to strengthen interest and activity in certain areas.

Alpha Psi Omega is a national dramatic fraternity consisting of 198 chapters, organized for the purpose of providing an honor society for those performing a high standard of work in dramatics. Through the expansion of Alpha Psi Omega among the colleges of the United States and Canada, the fraternity provides a wider fellowship for those in the college theatre. The Susquehanna chapter, Theta Phi, was chartered in 1941.

Pi Gamma Mu is a national social science honor society consisting of 130 chapters with a membership of over 19,000, established to encourage and reward undergraduate interest in the social studies. The Pennsylvania Gamma Chapter at Susquehanna was established in 1927 and its membership includes members of the faculty, alumni and students. Members are selected on the

following basis: evidence of special interest in social studies in which the student must have at least twenty semester hours with not less than a "B" average.

Sigma Alpha Iota is an internationally incorporated professional fraternity for women in the field of music. Membership is based upon scholarship (a "C-plus" average in music subjects and "C" in college courses), musicianship, personality and character. It is open to all music students. Its purpose is to promote high standards of professional performance and teaching as well as to further the development of music in America and in foreign countries. The Susquehanna chapter, Sigma Omega, was chartered in 1927 and is one of 119 college chapters in the United States.

Tau Kappa is a national athletic honorary fraternity for women. Upon earning a Junior Award in the Women's Athletic Association, a student is eligible for membership in Tau Kappa. The purpose of this fraternity is to maintain as well as increase the individual's interest in sports as a participant and as a spectator. The Beta Chapter of Tau Kappa was founded at Susquehanna in 1948.

SPECIAL INTEREST CLUBS

STUDENTS at Susquehanna may join a number of special interest organizations. Meetings, usually held monthly, feature special discussions, concerts, tours, and other programs to inform, instruct, and broaden the members' interest.

The Biemic Society is maintained to further the interests of students in biology, chemistry, and physics, and to present programs prepared by members or by guest speakers.

The Business Society is an organization of students enrolled in the department of Business Administration. The society endeavors to promote discussions of problems relating to education and business, to continue the building of a scholarship fund to aid worthy students, to inspire and encourage students to attain higher scholastic achievement, and to establish a closer fellowship among its members through social activities.

Beta Alpha Rho is an organization of students interested in the classical languages and civilization. At its meetings phases of ancient classical literature and civilization are discussed.

The Susquehanna University Players is the organization responsible for all dramatic productions. It was formed with the purpose of giving interested students an opportunity to perform before the public and to participate in the behind-the-scenes activities in the presentation of plays. Acting, stage work, make-up and some directing are done by members of the group.

The Student National Education Association — Pennsylvania State Education Association is an organization whose membership consists of students interested in teaching as a profession. This organization is primarily concerned with the professional growth of teaching candidates prior to their in-service experiences.

The Pre-Theological Club is an organization of students of all religious denominations who are planning to enter church work. Meetings are held monthly with members of the faculty and the local clergy.

Alpha Phi Omega is a national service fraternity composed of college and university men who are or have been affiliated with the Boy Scouts of America.

MUSICAL ORGANIZATIONS

EXPERIENCE in broadening musical performance, perception, and perspective is offered in the University Choir, Symphony Orchestra, and Marching and Symphonic Bands. Music students participate at the discretion of the directors of the organizations. Membership, by audition, is drawn from the entire student body.

The Symphony Orchestra, whose purpose is to foster more widespread interest in our heritage of truly great orchestral music, presents an annual spring concert including a varied program representative of a wide range of historical style and musical taste. Whenever possible, student soloists are featured in masterpieces of the repertoire.

The Marching Brass and Percussion offers opportunity for training marching bandsmen in the routine of intricate maneuver and drill formations. This group plays at home football games, certain away games and other special events.

The Symphonic Band studies and performs standard overtures, suites, and symphonic movements of the great masters. Works by contemporary composers are also examined and performed ac-

cordingly. Adequate technical facility, ability to read music readily, and a feeling for genuine interpretive skill are emphasized.

The University Choir presents concerts of sacred music in churches and high schools in Pennsylvania and neighboring states. It also makes occasional appearances on television and the concert stage. In the Christmas and Lenten seasons the choir performs special music on the campus.

SOCIAL FRATERNITIES AND SORORITIES

THERE ARE four national social fraternities for men: Lambda Chi Alpha (Iota Eta chapter), Phi Mu Delta (Mu Alpha chapter), Theta Chi (Beta Omega chapter), Tau Kappa Epsilon (Iota Beta chapter). Each has an attractive home for its members.

There are three national social sororities for women: Alpha Delta Pi (Gamma Omicron chapter), Alpha Xi Delta (Gamma Kappa chapter), Kappa Delta (Beta Upsilon chapter).

These organizations have been granted certain privileges by the Board of Directors. A freshman may not become pledged to a fraternity or sorority if his scholarship index is below 2.20.

Freshman pledges will be permitted to become active members of fraternities or sororities provided their scholastic standing is satisfactory.

A student who has completed one full year's work in another college and is of sophomore standing may be rushed by a fraternity or sorority under the same rules that govern the rushing of freshmen.

CULTURAL OPPORTUNITIES

EACH DIVISION of the University annually brings to the campus outstanding programs in its particular field. These presentations are open to all students and persons of the community.

Because of the presence on the campus of a Division of Music, Susquehanna students enjoy unusual opportunities in the field of music. The various musical organizations constantly produce ex-

cellent musical programs. In addition, through its Artist Series, the University annually presents outstanding musical artists.

Student Recitals offer opportunities both for listening and for performing. The student musician is primed to gain poise, confidence, and experience in stage deportment. In this situation he establishes contact with a live audience and learns to project what he feels.

Faculty Recitals enable students to enlarge their listening pleasure. Through well-planned programs of fine examples of literature, the music student observes at first hand the principles he is striving to master.

HONORS AT GRADUATION

SENIORS having a scholarship index of 3.75 to 4.00 are graduated *summa cum laude*. Those with a scholarship index of 3.50 to 3.74 are graduated *magna cum laude*. Those with a scholarship index of 3.25 to 3.49 are graduated *cum laude*. Honors are announced at commencement exercises.

In order to graduate with honors, students must take four years of work under the supervision of Susquehanna University. Three of the four years must be on the campus. Due recognition but not graduation with honors will be given to other students who have done work of honors caliber while at Susquehanna.

PRIZES

Stine Mathematical Prize. Through an endowment made by the Rev. H. M. Stine, Ph.D., D.D., of Harrisburg, Pennsylvania there is annually provided a prize of fifteen dollars to be awarded to a members of the sophomore class who has the highest average in the study of mathematics during the freshman and sophomore years. The conditions under which the prize will be conferred shall be subject to the regulations of the faculty.

Sigma Alpha Iota National Fraternity Prize. A certificate is awarded by the Sigma Alpha Iota Fraternity to its senior woman having the highest average for four years in the music course.

Alpha Delta Pi Sorority Prize. A cash prize is awarded by the Alpha Delta Pi Sorority to its senior woman having the highest academic average for her college career.

Kappa Delta Sorority Prize. A cash prize is awarded by the Kappa Delta Sorority to its senior woman having the highest academic average for her college career.

Charles E. Covert Memorial Prize. By a bequest of $500 from the Alberta S. Covert estate, the Charles E. Covert memorial prize has been established to be awarded to a member of the junior class deemed to have exercised the most wholesome influence during his first three years. Elements of character, scholarship, attitude, and leadership will receive major consideration in awarding this prize.

Business Society Scholarship Trophy. A silver trophy cup, provided by members of the Class of 1950, is to be awarded for one year to that member of the freshman class in Business Education or Business Administration who has attained the highest scholastic standing during his freshman year.

DISCIPLINE

IT IS EXPECTED that all students come to Susquehanna for serious study and that they will adjust themselves to its ideals and regulations. The University reserves the right to require the withdrawal of students whose scholarship is unsatisfactory, and of those who for any other reason are regarded as not in accord with the ideals and regulations which the University seeks to maintain.

A student expelled for misdemeanors loses all credit for work done during the semester. In any case of reinstatement, the student will be on probation for one semester.

Intoxicating liquors are not allowed in students' rooms or fraternity houses. The detection of alcoholic liquors in any student's room or on his person will be held sufficient evidence to warrant his suspension from the University.

Drinking of intoxicating liquors, gambling, cheating, immorality, or similar breaches of discipline may be punished by suspension or expulsion from the University.

No firearms are permitted on the campus unless permission is secured from the Dean of Students.

HOUSING AND BOARDING FACILITIES

SUSQUEHANNA UNIVERSITY PROVIDES a number of dormitories for residence on the campus, as described under BUILDINGS beginning on page 13. For the benefit of the entire campus community, certain regulations govern the use of University housing and boarding facilities.

All resident women, freshman and sophomore men, and students on academic probation regardless of class standing are required to room in University residences and take their meals in Horton Dining Room. If there is insufficient housing for junior and senior men on campus Susquehanna provides off-campus rooms at the stated catalog rate. These rooms have been selected by the University and rules governing living in approved residences are the same as those for a University-operated dormitory. Payment for such room rentals, also, is handled in the regular manner through the University Business Office. The University reserves the right to place off-campus residents into University dormitories at its discretion.

Under certain conditions, junior and senior men may receive special permission from the Dean of Students to room and board in the town of Selinsgrove. Fraternity men desiring to live in fraternity houses also must have permission from the Dean of Students.

All rooms are assigned for the full academic year. All requests for change of room assignment must be made to the Office of the Dean of Students.

There are no resident facilities for married couples on campus and married students are not permitted to live in University housing. If a student marries during the academic year he must withdraw from University housing and no refunds will be made for the current semester's charge. A student marrying between semesters forfeits his spring semester charge. All students planning to marry during the academic year are required to inform the Dean of Students prior to the wedding.

Room reservations are made by returning students during the first week in April, and must be accompanied by a deposit of $50.

No refunds will apply to reservations canceled after June 15. Room assignments for freshmen are made upon arrival for Orientation. The University reserves the right to inspect all rooms and to close all residences as well as the dining room at stated times, such as during vacation periods.

Rooms in the dormitories are furnished with beds, springs, mattresses, wardrobes, chairs and tables. It is suggested that each student bring a good study lamp with him. Each student must supply his own sheets, blankets, pillow, pillowcases, rugs and towels. Linen rental service is available.

It is assumed that all students contracting for University rooms and board accept the responsibility of abiding by the rules and regulations, a copy of which must be signed by the resident student and by one of his parents if he is a minor.

Any student willfully destroying or defacing University property will be required to pay the cost of replacement or repair and will be subject also to a fine or dismissal from the University.

The University assumes no responsibility for loss or damage to personal property.

OTHER REGULATIONS

Rules and regulations not covered in this catalog are outlined in detail in the *Student Handbook*. All students are responsible for adherence to the University's rules and regulations, no matter in which form they are published. While frequent changes are not probable, the administration reserves the right to make any changes it deems necessary.

HEALTH SERVICE

Susquehanna requires a physical examination of each student before he enters the University. This is done by the physician of the applicant's choice and reported on a comprehensive form supplied by the University. Examination reports are studied by the University Nurse, who makes special provision for students who

need special attention, such as reduced schedules, excuses from physical education classes, and similar measures. The services of Susquehanna's Health Service are described on page 16.

While the educational program at Susquehanna constantly emphasizes the importance of good health habits, each freshman is required to take a special course in personal hygiene under the direction of the department of Physical Education.

MILITARY SERVICE

REPRESENTATIVES of the armed service branches regularly visit the Susquehanna campus to interview students interested in special officer training programs to fulfill their military obligations. Most of these programs make it possible for the student to obtain a commission upon graduation from college.

EXCLUSION FROM THE UNIVERSITY

THE ADMINISTRATION reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable without assigning any further reason. In such cases the fees due or paid in advance to the University will not be remitted or refunded, in whole or in part. Neither Susquehanna University nor any of its officers shall be under any liability whatsoever for such exclusion.

7:

Scholarships and Student Aid

About forty percent of the students at Susquehanna receive some sort of financial aid toward the cost of their education. This aid is given in the form of outright scholarships, work grants, discounts, loans, etc. Applications for financial assistance, aside from regular academic scholarships, are subject to the processing of the College Scholarship Service of the College Entrance Examination Board, Princeton, N. J. Specific information concerning scholarships and loans may be secured from the Business Manager.

ENDOWMENT SCHOLARSHIPS

1. *The Bodine Scholarship,* endowed by Dr. DeWitt Bodine of Hughesville, Pennsylvania, in the amount of $500. The annual interest of this sum as a scholarship is under the direction of the Council of Trinity Lutheran Church, Hughesville, Pennsylvania.
2. *The Brownmiller Scholarship* of $1000, established by the Rev. E. S. Brownmiller, D.D., and his son, the Rev. M. Luther Brownmiller, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.
3. *The Bateman Scholarship* of $500, established by the Rev. S. E. Bateman, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.
4. *The Huyett Scholarship,* established by Mr. E. M. Huyett of Centre Hall, Pennsylvania, of $1000, to be given under the direction of the President of the University.
5. *The Bodine Scholarship* of $1000, established by Mrs. Emma B. Bodine of Hughesville, Pennsylvania, widow of Mr. DeWitt Bodine, in memory of her husband, who was a director of the University.

6. *The Duck Scholarship* in the amount of $1000, established by Mr. Henry Duck of Millheim, Pennsylvania, in memory of his wife.

7. *The Keiser Scholarship* in the amount of $1000, established by Mr. John A. Keiser of West Milton, Pennsylvania, in memory of his wife.

8. *The Wieand Scholarship* in the amount of $1000, established by the Rev. W. R. Wieand, D.D., of Altoona, Pennsylvania, in grateful remembrance of what Missionary Institute, now Susquehanna University did for him in earlier years.

9. *The Mary L. Steele Scholarship* in the amount of $5000, established by the late Charles Steele of Northumberland, Pennsylvania. The income is to be used for the education of worthy students at Susquehanna University subject to nomination by the donor's family.

10. *The Lena Brockmeyer Scholarship* in the amount of $1000, established by check received from the Rev. G. L. Rankin, then treasurer of Pittsburgh Synod, of Wilkinsburg, Pennsylvania.

11. *The M. P. Möller Scholarship* in the amount of $5000, established by Mr. M. P. Möller of Hagerstown, Maryland.

12. *Class Gift Scholarship.* Class gifts from the graduating classes of 1914, 1930, 1931, and 1932 have made possible the establishment of a fund, the income from which makes available a scholarship annually for a person who has attained a high scholastic rank.

13. *Women's Auxiliary Scholarship* in the amount of $2000, established in 1931 by the Women's Auxiliary of Susquehanna University.

14. *The William H. Miller Scholarship,* established by William H. Miller of Stoystown, Pennsylvania, in the amount of $900. The annual interest on this sum is a scholarship under the direction of the administration of the University for the education of worthy young men preparing for the gospel ministry.

15. *The Misses Amanda and Elizabeth Smith Scholarship,* endowed in the amount of $1000, the income to be available for worthy students for the ministry.

16. *The Lillian V. Johanson Smith Scholarship,* established in 1943 by her sister, Miss A. E. Johanson, her brother, Dr. A. M. Johanson, and her husband, Dr. G. Morris Smith. The amount of the endowment is $2500, the interest from which is to be awarded from year to year to that needy student who, in the judgment of the scholarship committee, shows the marks of scholarly achievement coupled with dedication to the Christian spirit.

17. *The Abraham H. Heilman Scholarship* in the sum of $1000, established in 1945 by his son, William C. Heilman of Cambridge, Massachusetts.

18. *The Adeline Elizabeth Landes Scholarship* in the sum of $1000, established in 1945 by her son, Dr. Latimer S. Landes of York, Pennsylvania.

19. *The Sallie Burns Lenker Scholarship* in the sum of $5000, established in 1945 by Mrs. Sallie Burns Lenker of Dalmatia, Pennsylvania, for students of the Lower Mahanoy Consolidated School, Dalmatia, Pennsylvania. It is understood that recipients of this scholarship shall, upon achieving earning capacity, make in gratitude an appropriate contribution to the Sallie Burns Lenker Scholarship Fund.

20. *The Della Gramly Ocker Scholarship* in the sum of $1628.45, established by the will of Mrs. Della G. Ocker of Harrisburg, Pennsylvania, for worthy students of the ministry.

21. *The Business Scholarship,* endowed in 1946 by the Business Society of Susquehanna University in the sum of $2580, to aid worthy business students.

22. *The Thomas David Bittinger Scholarship* in the sum of $500, established January 29, 1947 by his father, Charles E. Bittinger, in memory of his son, a former student at Susquehanna University, who lost his life in World War II.

23. *The George B. Wolf Scholarship,* of $5000, established in 1947 from a portion of the bequest of this generous director of Susquehanna University, and under the direction of the administrative scholarship committee of the University.

24. *The Philadelphia Alumni Scholarship,* totaling $4824, established by the Philadelphia Alumni Association.

25. *The Rev. and Mrs. J. Frank Matter Scholarship,* established legacy in 1949 in the amount of $10,092.62, available to worthy ministerial students upon approval of the scholarship committee of the University.

26. *The Amos Alonzo Stagg Scholarship,* established in 1949, to be administered by the regular scholarship committee of the University.

27. *The Ner B. Middleswarth Scholarship,* established by a bequest from his estate received on August 15, 1950 in the sum of $500, the interest on which is to be used annually for the benefit of someone preparing for the gospel ministry.

28. *The Heilman-Spangle Scholarship,* established in 1950 by Mrs. May Heilman Spangle for ministerial students. The amount of the endowment is $10,000 and interest will be available annually to that student who possesses superior talent for the high vocation of the gospel ministry. Intellectual ability, moral and spiritual geniuneness, personal presence, and capacity for effective public speaking shall be factors in making the award.

29. *The Ella Ritter Scholarship,* established in 1951 by a bequest of $2992.50, the interest from which is to be awarded to a young woman desiring to pursue a pre-medical course of studies.

30. *The Samuel J. Johnston Scholarship* of $5000, established by a legacy from the estate of his wife, Irene G. Johnston, in 1954, to be administered by the regular scholarship committee of the University.

31. *The Luther C. Peter Scholarship* of $5000, established in 1955 by Mrs. Carrie C. Peter in memory of her husband, to be administered by the regular scholarship committee of the University.

32. *The Mattie H. Deibler Scholarship* of $1000, established in 1955, to be administered by the scholarship committee of the University.

Color sensitivity of the eye is plotted with an eye perimeter.

Susquehanna students learn proper library procedure as an aid to individual research.

Just inside Landes Gateway stands the Susquehanna University Library.

Liberal arts and business classrooms are in Bogar Hall.

Susquehanna's Dean is always available for counseling.

33. *The John A. Hoober Memorial Scholarship* in the sum of $20,000, established in 1951, by the will of his wife, Sarah A. K. Hoober, the income from which is to be used for the education of students from York County, Pennsylvania, and to be administered by the scholarship committee of the University.

34. *The Joseph L. and Greta Ray Scholarship* in the sum of $3833.45, established on January 20, 1956, interest from which is to be used to assist worthy pre-theological students during their freshman year.

35. *The Mr. and Mrs. Frank A. Eyer Scholarship* in the sum of $2000, established in 1956, the income from which is to be used for the education of worthy students and to be administered by the scholarship committee of the University.

36. *The Carol Reidler-Bottiger Scholarship* of $6150, established in 1956, interest from which is to be used for the education of worthy students subject to the nomination of the donor's family.

37. *The H. Clay Bergstresser Scholarship* in the sum of $1000, established in 1956, to be administered by the scholarship committee of the University.

38. *The Women's Auxiliary Scholarship* in the amount of $2000, the income from which is to be used to aid a worthy student selected by the scholarship committee of Susquehanna University's Women's Auxiliary.

39. *The Krapf-Miller Scholarship,* currently of $3000, to be administered by the scholarship committee of the University. This scholarship was established in February 1961 by Dr. and Mrs. Bernard W. Krapf in memory of their former spouses.

40. *The Woodruff Alumni Scholarship* of $3000 to be administered by the scholarship committee of the University. This scholarwas established in October 1961 by alumni of the University and Dr. John I. Woodruff '88, the oldest living Susquehanna alumnus.

OTHER SCHOLARSHIPS

Woodruff-Fisher Scholarships. Four of these scholarships are given each year by the Board of Directors in honor of Dr. John I. Wood-

ruff and Dr. George E. Fisher, both members of the Class of 1888 and both former Susquehanna professors. Two of the scholarships are for full tuition for four years; two are for half-tuition for four years. One in each category is reserved for a Lutheran student. These scholarships are awarded on the basis of the high school record and scores attained on certain tests of the College Entrance Examination Board. Inquiries concerning the scholarships may be addressed to the Director of Admissions.

Music Scholarships. Six scholarships of $250 each are offered annually in the performance areas of voice, piano, organ, and band and orchestral instruments. They are awarded on the recommendation of the Division of Music faculty on the basis of musical excellence and potential as demonstrated by audition, with general scholarship and character as contributing factors. These scholarships are renewable each year, subject to a review of the holders' progress and approval of the music faculty.

Lutheran Brotherhood Scholarship. Through the generosity of the Lutheran Brotherhood Life Insurance Society, two $300 scholarships are made available each spring for the following year to Lutheran students in the junior class. They are awarded on the basis of outstanding scholarship, need, and good citizenship.

Weaver Memorial Classical Scholarships. These scholarships of $150 each are granted annually to male students of the classical languages who have attained high academic grades. They are awarded to a Lutheran member of each of the upper three classes, with preference given wherever possible to the previous recipient. The scholarships were established in 1960 by Rufus M. Weaver of Washington, D. C. in memory of his Lutheran forebears.

Fisher-Lubold Scholarship. An annual amount of $200 is to be used for aid to needy students, men or women, preparing for full or part-time Christian vocations exclusive of the ministry or the diaconate. The scholarship was established in 1960 by the Rev. and Mrs. R. L. Lubold of Selinsgrove.

For Children of Pastors. Unmarried children of clergymen of the Lutheran Church in America are granted a credit of $150 toward their tuition cost.

For Pre-Ministerial Students. Needy students planning to enter the Lutheran ministry are normally eligible for a certain amount of financial aid from the synod of their membership. Inquiries concerning such aid should be directed to the appropriate board or committee of the synod.

Special. Many industries have special scholarship aid programs for the benefit of children of employees. Inquiries should be directed to the industry concerned.

WORKING POSITIONS AND SCHOLARSHIP GRANTS

Opportunities for working positions on the campus are open alike to men and women students. The number of positions open each year varies. Opportunity for student employment is contingent upon the quality of the academic record maintained. Any upperclassman deserving such an opportunity should make application to the Business Manager before May 1.

Scholarship grants are awarded on the basis of mental ability, academic achievement, general deportment, and financial need. They will not be renewed when the holder falls below a scholarship index of 2.00 ("C") for the school year. These grants will be reduced or withdrawn if one or all of the following are unsatisfactory: deportment, scholarship and/or workmanship on assigned tasks.

A transfer student may not apply for a scholarship or financial assistance until he has completed one academic year at Susquehanna.

Veterans receiving government assistance are not eligible for these working positions and scholarship grants since the cost of their education is already substantially met by the Federal Government.

LOAN PROGRAMS

Government Loan Fund. In cooperation with the Federal Government under the National Defense Education Act, Susquehanna

University has created a Government Loan Fund. All qualified students are eligible to borrow under this plan, although priority is given those preparing for the scientific and teaching fields.

The Roger Blough Loan Fund. This fund was established in 1959 through a substantial restricted gift from Dr. Roger M. Blough, Class of 1925. Under the terms of the Roger Blough Loan Fund, students who have satisfactory academic records and can demonstrate financial need may borrow up to $500 per year, repayable at reasonable interest rates beginning six months after leaving Susquehanna.

The Rev. C. B. King Scholarship. The sum of $2000 was established as a scholarship in 1952 by Mrs. Myrtle King Graham, daughter, and Mrs. Angie C. King Byers, wife, in memory of the Rev. Cleason Becker King, D.D., the interest on which is to be administered as a loan to worthy pre-theological students, to be repaid without interest.

The York-Hanover Alumni Club Loan Fund. The sum of approximately $4000 is set aside by the York-Hanover Alumni Club as a loan fund for needy students. It is administered by the scholarship committee of the University.

The Weaver Emergency Loan Fund. Under the terms of this loan fund Rufus M. Weaver of Washington, D. C. will make a limited number of small emergency loans to help needy upperclassmen meet their financial obligation to the University. Loans are repayable to Susquehanna University.

Tuition Plan. Susquehanna endorses the tuition plan of the Girard Trust Corn Exchange Bank of Philadelphia. Under this plan educational charges are paid to the University by the bank with the parents or students making monthly reimbursement directly to the bank. An insurance feature of the tuition plan assures completion of the student's educational costs in the event of the death of the parents. Education at Susquehanna may also be financed through similar tuition plans operated by other banks of the students' choice.

8:

Admission to Susquehanna

In determining an applicant's eligibility for admission, the Committee on Admissions examines evidence relating to the whole personality of the applicant. This evidence relates to his scholarship, his moral character and ideals, the general character or pattern of his study in high school, his purpose in attending college, his health, and other points of strength or weakness in his school preparation, personality, and general cultural background. Each applicant is considered first in relation to his chosen field of studies and the demands such studies will make upon him. It is assumed applicants are in sympathy with the ideals of the institution and the program of education it sponsors.

In the selection of new students, the following factors are important:

(1) The transcript of the applicant's secondary school record.

(2) Recommendation of the secondary school principal or headmaster, guidance director and teachers.

(3) Results of the College Entrance Examination Board tests.

(4) Personal interview.

PROCEDURE FOR APPLYING FOR ADMISSION

Application for admission should be made to the Director of Admissions on forms provided by the University. The application must be accompanied by a fee of $10 and may be submitted any time after the completion of the junior year in high school.

COLLEGE BOARDS

All applicants for admission as freshmen must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. Information regarding testing dates and centers may be secured from high school guidance officers or by writing to the College Entrance Examination Board, P.O. Box 592, Princeton, N. J.

ADVANCED PLACEMENT

SUSQUEHANNA UNIVERSITY participates in the Advanced Placement Program of the CEEB. Students who have taken advanced courses in secondary schools and who wish advanced placement must take the Advanced Placement examinations in order to be considered.

The University will either waive the elementary course offerings or grant credit on the basis of performance on the examination, if requested. The decision will be at the discretion of the Dean of the University and the department involved.

All communications dealing with Advanced Placement should be addressed to the Dean, Susquehanna University.

TRANSFER STUDENTS

A STUDENT who wishes to transfer to Susquehanna University from another accredited institution should follow the regular procedure for admission. He must arrange to have all colleges attended send transcripts and letters of honorable dismissal to the Susquehanna Director of Admissions. This must be done whether the student plans to seek admission as a freshman or with advanced standing. Students seeking to transfer to Susquehanna with advanced standing must be in good standing at the college from which they are transferring and must be eligible to continue study at that college. A minimum cumulative average of "C" for the college work previously taken must be presented.

For those who can qualify for admission with advanced standing, credits earned at an approved institution will be honored, provided the courses taken are equivalent to those found in the Susquehanna curricula and carry a grade of "C" or better. See statement on residence requirements page 50.

A transfer student may not apply for a scholarship or for financial assistance until he has completed one academic year at Susquehanna University.

THE INTERVIEW

ALL APPLICANTS for admission must confer in advance with a representative of the University and, if possible, should visit the campus. If the applicant cannot possibly arrange for an interview, the Director of Admissions must be notified.

Appointments for campus interviews must be made in advance. Interviewing hours are: Weekdays 9:00 a.m. to 11:30 a.m. and 1:00 p.m. to 4:00 p.m., Saturdays, 9:00 a.m. to 11:30 a.m.

EARLY DECISION

At Susquehanna, provision is made for those students who seek an early decision concerning admission. If the record, as of the end of the junior year, is of a superior nature and if the student has made a high score on the College Boards, the Committee on Admissions will grant the student a tentative decision. The student makes a down payment of $100 on tuition costs and a place is reserved in his particular class. Final acceptance will depend upon the applicant's scholastic record during the senior year.

ADMISSION TO SUMMER SESSION

Candidates for admission to Summer Session who plan to earn a Susquehanna degree must follow the normal procedure in applying for admission. If the student is working for a degree in some other college or university, he should write directly to the Director of Summer Session, Susquehanna University.

SECOND SEMESTER ENTRANCE

Although Susquehanna does not admit a new class in the second semester, there are usually a few openings for new students who are mature enough to make the adjustment to college life. Such students should use the normal procedure of admission outlined above.

ENTRANCE REQUIREMENTS

A minimum of 16 units is required if the student enters from a four-year fully accredited high school or secondary school. The units should be distributed as follows.

FOR ENTRANCE TO THE LIBERAL ARTS AND MUSIC CURRICULA. English, 4 units; foreign language, 2 units of one language; mathematics (including algebra and plane geometry) 2 units; history, 1 unit; science, 1 unit; and electives to make 16 units.

Prior to final acceptance of any applicant in the music curriculum an audition will be arranged to determine basic aptitudes. The audition consists of a performance test in voice, piano, any other instrument the candidate is able to play, and a written test on the fundamentals of music. Decision will be based on the ability to sing and play accurately with good tone and rhythm, on evidence of two years of piano study, and on the ability to read at sight.

FOR ENTRANCE TO THE BUSINESS ADMINISTRATION CURRICULUM. Entrance requirements are the same as those for Liberal Arts and Music, except that the requirement of two years of a foreign language may be waived. Preference will be given, however, to those students who have followed a straight academic program in high school.

VETERANS

SUSQUEHANNA has been approved by the Veterans Administration to provide education under the Public Laws pertaining to veterans.

Certificates of eligibility and entitlement should be presented before or at the time of registration. Veterans who come to college without certificates may make application after arrival through the office of the Registrar.

Susquehanna will give appropriate credit for courses of college level taken in the armed services, in accordance with the recommendation of the American Council on Education. Official documents showing the work taken should be presented as soon as possible to the Registrar.

Accommodations for married veterans are available in homes and apartments in Selinsgrove. Veterans are excused from Physical Education and Personal Hygiene and thereby are given credit for their basic training in the armed services.

9: Costs

SUSQUEHANNA UNIVERSITY is a non-profit institution serving youth. The amount paid by the student per year does not meet the complete cost of his education. The contribution of the student is approximately 70 percent of the total cost. The balance is met by income from endowment, gifts from alumni and friends, and annual grants by the Board of College Education and Church Vocations, and the Central Pennsylvania Synod of the Lutheran Church in America. Susquehanna University thus endeavors to maintain a high standard of education at minimum cost.

REGULAR CHARGES

THE BASIC COST of a year at Susquehanna, as outlined below, is $1790 or $1820 for resident students, depending upon dormitory accommodations desired, and $1120 for non-resident students. To the total, applicable special fees must be added. These amounts do not include travel, textbooks, laundry, or other personal expenses controlled by the student.

RESIDENT STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours)*	$1000
Board	400
Room Rental	$270 or 300
Comprehensive Fee	100**
Health and Accident Insurance (estimated)	20**
Total	$1790 or $1820***

*Applicable to students taking from 14 to 18 credit hours inclusive, per semester. Those taking less than 14 or more than 18 will be charged on the basis of $30 per credit hour.

**Applicable to all students taking 12 or more credit hours.

***Applicable to all resident students in all divisions.

ROOM RATES IN THE VARIOUS DORMITORIES

	Per Year
Men	
Aikens Hall	$300
Gustavus Adolphus Hall	270
Hassinger Hall	270
Off-campus residences	270
309 University Avenue	270
Women	
Smith Hall	300
New Residence Hall	300
Seibert Hall, single and/or with bath	300
Seibert Hall, double	270

NON-RESIDENT OR DAY STUDENTS (Two Semesters)

	Per Year
Tuition (14-18 credit hours)*	$1000
Comprehensive Fee	100**
Health and Accident Insurance (estimated)	20**
Total	$1120

SPECIAL FEES

Machine accounting	$10.00 per semester
Botany, zoology, comparative anatomy, bacteriology, physiology, embryology and histology	15.00 per semester
Geology	15.00 per semester
Metallurgy	10.00 per semester
Freshman chemistry	25.00 per semester
Chemistry, not mentioned above	20.00 per semester
All typing courses	5.00 per semester
Experimental physics	10.00 per semester
Statistics	5.00 per semester
Experimental psychology	5.00 per semester
Developmental and remedial reading	10.00 per semester
Auditing a course	10.00 per semester hour
Observation and student teaching	5.00 per credit hour
Sophomore Graduate Record Examination	2.50
Senior Graduate Record Examinations	5.00
Transcript of record	1.00 each
Graduation fee, first semester of senior year	17.50

*For students taking less than 14 or more than 18 credit hours per semester, tuition is $30 per credit hour.

**Applicable to all students taking 12 or more credit hours.

MUSIC FEES

TUITION for candidates for the degree of Bachelor of Science in Music Education includes one lesson per week in the field of concentration, one in a secondary field, and use of a practice room for two hours daily.

Tuition for candidates for the degree of Bachelor of Arts with a major in Applied Music includes two lessons per week per semester in the major field, and use of a practice room for two hours daily.

Lesson fees are not included in the tuition rate for candidates for the degree of Bachelor of Arts with a minor in music. These must be arranged for separately, along with the use of practice rooms.

The fee for any lesson not specifically referred to above under tuition rates is $45 for one half-hour per week per semester.

RENTALS

Organ, one semester, 6 hours per week	$30.00
Piano, one semester, 6 hours per week	6.00
Orchestra or Band instrument, one semester	7.00

ADMISSION COSTS

APPLICANTS for admission to Susquehanna University submit an Application for Admission form, requested from the Admissions office and returned to the same office when completed. A fee of $10 must accompany the Application for Admission. This fee, which partially liquidates the cost of processing, is non-refundable and non-applicable as a payment on the applicant's account.

The Director of Admissions will inform the applicant of the action of the Admissions Committee as soon as possible after receipt of application. An advance payment of $50 must be made to the Admissions office within 21 days from the date appearing on the letter of acceptance to the applicant. This payment completes enrollment, is credited to the student's first-semester account, and is not refundable.

It is essential that the student make the advance payment as specified above on time, otherwise he loses his place of sequence on the official registration list. Such displacement could mean

exclusion from departments in which enrollment is limited. Placement will be determined by sequence in registration.

TERMS OF PAYMENT

ALL CHARGES for the semester are due at the time of registration. At least half of the bill must be paid on or before the date of registration if registration is to be completed. The balance for the first semester must be paid by November 1, for the second semester by April 1. No student may take final examinations or receive grades for the semester until all charges for the semester are paid.

An extra charge of $10 will be added to all accounts showing unpaid balances as of November 1 and April 1.

To facilitate matriculation it is requested that a check in the amount of $450 for resident students and $300 for day (or non-resident) students be sent to the Bursar in advance of the arrival of the student. Checks should be made payable to Susquehanna University. No student is registered until all financial obligations have been satisfactorily settled with the Business Manager.

PAYMENTS BY VETERANS

THE AIM of the University is to serve its students whenever and however possible. To this end, veterans who are attending Susquehanna under the sponsorship of the U. S. Government are not required to pay their bills in full at the time of registration. This policy eliminates the need for veterans to borrow funds whose interest charges add to the cost of their education. To ease the load and assist the veteran, Susquehanna has devised the following program of partial payments in consideration of the dates on which the veteran normally receives monthly checks from the Federal Government.

FIRST SEMESTER

Resident Students	*Non-Resident Students*	
$500.00	$250.00	payment when registering each year.
$100.00	$ 80.00	payment to be made on each of the following dates: October 20, November 20, December 20, and January 20.

SECOND SEMESTER

Resident Students	*Non-Resident Students*	
$500.00	$230.00	payment when registering each year.
$100.00	$ 80.00	payment to be made on each of the following dates: February 20, March 20, April 20, and May 20.

The sum received by the veteran on June 20 is retained by him.

A veteran's account not showing payments made as specified above by December 1 for the first semester and April 1 for the second semester will be charged an extra $5 each semester.

INSURANCE

IT HAS BEEN learned from experience that it is helpful for students to carry health and accident insurance. The University requires each enrolled student taking twelve or more semester hours to carry this insurance for the academic year. The premium rate is reasonable. Coverage is for $500 as outlined in a folder sent each student during the summer and indicating the premium for the year. This premium will appear on each semester's bill. The student may decide whether he desires the calendar year coverage. If so, he will pay the extra premium before departing at the close of the second semester.

Students who are members of varsity teams playing in intercollegiate games will have part of the premium reimbursed by the University for the percentage of time engaged in such sports during any semester.

TRANSCRIPTS AND GRADUATION

SATISFACTORY settlement of all bills and fees is required before graduation, and before semester grades or an honorable dismissal can be granted, or transcript of grades released. This includes obligations to the University, class publications, organizations, clubs, fraternities, and class assessments voted by a majority of a class in a regularly called meeting.

REFUNDS

No FEES will be refunded at any time except:

In case of illness or absence entirely beyond the control of a student, requiring his withdrawal or absence from the campus for a period of time, board will be refunded beginning with the third week after his departure from the campus.

If a student returns at the beginning of a semester after recovery from an illness or after absence beyond his control, the credit balance of fees, exclusive of room and board, appearing on the University's books at the time of illness and departure from the campus, may be credited to his account.

Students dismissed for unsatisfactory work or for infringement of University regulations are allowed no refunds.

There will be no refunds for courses dropped two weeks after registration day.

If a student withdraws from the University under unusual circumstances, the following policy is in effect regarding refunds: No enrollment fees are refundable. A minimum of $100 is not refundable if the student has been on campus less than ten days. If the student has been on campus more than ten days, $10 per day up to thirty days is not refundable. If the student has been on campus for longer than thirty days, no charges are refundable.

10:

Academic Procedures

REGISTRATION

At the beginning of the college year each student will be given instructions concerning enrollment in classes and the payment of bills. A fee of $10 will be charged for any late registration. No student will be permitted to register later than one week after classes have begun.

Courses may be changed without charge during the first two weeks of the semester. Thereafter any course which is dropped *without* the permission of the Dean and the instructor will be recorded as a 'WF" (withdrawn failure). The grade "WF" is counted toward the semester average the same as an "F". If the student has the necessary permission to withdraw from a course, the grade will then be recorded as a "W".

A grade of "I" (incomplete) may be given when circumstances beyond the control of the student, such as serious illness, have prevented him from doing the work which was assigned. *Mere inability to get work in on time does not constitute a reason for a grade of "I".* Incomplete grades must be completed within two months, or the grade will be permanently recorded as an "F".

GRADING SYSTEM AND QUALITY POINTS

A	Excellent	4 quality points per credit hour
B	Good	3 quality points per credit hour
C	Average	2 quality points per credit hour
D	Unsatisfactory	1 quality point per credit hour
F	Failure	0 quality points per credit hour

SCHOLARSHIP INDEX

THE SCHOLARSHIP INDEX is determined by dividing the total number of quality points earned by the total number of attempted credits.

A student must attain a scholarship index of 2.00 (a grade of "C") in order to graduate. All students whose scholarship index is less than 2.00 may participate in extra curricular activities only at the discretion of the Student Standing Committee.

DEAN'S LIST

FOLLOWING each semester examination period the names of students who have made a 3.40 average for the preceding semester will be announced by the Dean.

SCHOLASTIC REGULATIONS

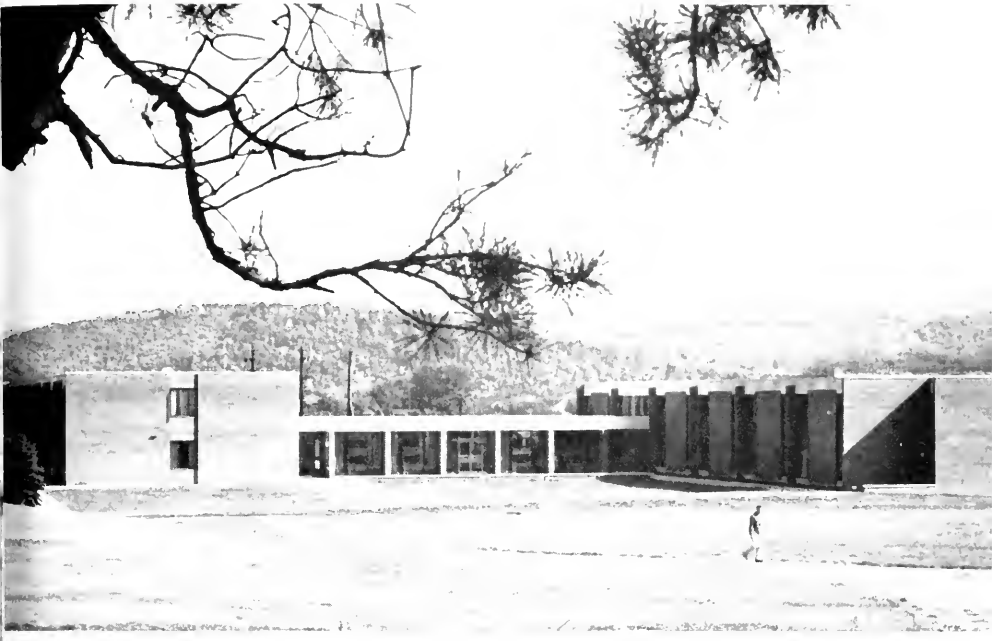
A STUDENT who fails to maintain a scholarship index of 2.00 (a grade of "C") shall be placed on scholastic probation. A student may be dismissed by the Student Standing Committee if he has been on probation for two successive semesters. Freshmen will be placed on probation if they have a scholarship index of less than 1.90 at the end of the first semester and less than 2.00 at the end of the second semester.

The normal schedule of a student includes 16 to 18 credit hours each semester, depending upon his total course requirements. To carry more than this number, a student must have a scholarship index of 3.00 or better and must secure permission from the Dean.

The minimum number of credit hours carried by regular students is 14 and the maximum 20. Any student carrying fewer than 14 credit hours a week will be considered a special student.

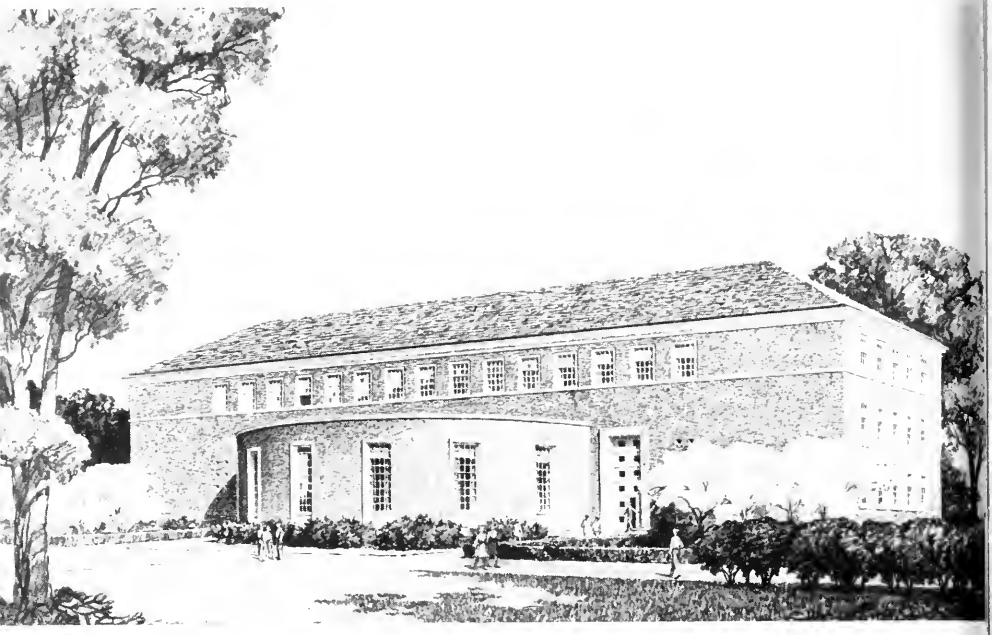
MAJORS AND MINORS

AS EARLY as possible, and not later than the end of the sophomore year, each candidate for the degree of Bachelor of Arts must choose one major field in which he intends to concentrate, and one



ith Hall, a residence for 148 women,
o contains three sorority suites.

This spacious bedroom looks out on Bogar
Hall and Benjamin Apple Theatre.



A new science building and lecture hall is scheduled for completion in 1963-64.

The Health Center houses complete facilities for students' health and medical care.

minor field. In most fields, 24 credit hours constitute a major and 18 credit hours constitute a minor. The program of major and minor fields shall be arranged by the student in consultation with the Registrar and the faculty adviser in his chosen major field.

Liberal Arts students may choose a major or minor from: biology, chemistry, economics, English literature, French, German, Greek, history, Latin, mathematics, music, philosophy, physics, political science, psychology, sociology, Spanish.

A minor also is available in theatre.

No major may be changed without the consent of the Dean and the department concerned.

At the end of the freshman year students in the Business Administration curriculum must choose a major field of specialization from: accounting, economics, finance, marketing.

Students majoring in the Music Education program follow a sequence of required courses and do not take majors or minors. Students in this curriculum may not do student teaching unless they have a "C" average in their field of specialization.

Students in Secondary Education must comply with the certification regulations in the state in which they plan to teach. See page 87 for Pennsylvania requirements.

No "D" grade will be counted towards a major. If a student fails to earn a satisfactory grade in a course, the course must be repeated to earn major credit.

CLASSIFICATION OF STUDENTS

FRESHMEN will be given sophomore ranking upon the completion of 32 semester hours. Sophomores will become juniors upon the completion of 64 semester hours. Juniors will become seniors upon the completion of 98 semester hours.

GRADUATION REQUIREMENTS

SUSQUEHANNA UNIVERSITY offers curricula consisting of four years of college work leading to the Bachelor of Arts or the Bachelor of

Science degree. These curricula provide a broad, liberal background which serves as the proper foundation for any of the learned professions or for specialization in graduate study. The degrees are conferred only after a student has satisfactorily completed 132 semester hours and a scholarship index of at least 2.00.

If for any reason a student has carried more than this number of semester hours required for graduation, he must present quality points equal to twice the total number of semester hours he has carried in college. A student cannot graduate, regardless of the number of semester hours he has carried, unless he has also maintained an average grade of "C," or scholarship index of 2.00.

Each student will be responsible for keeping his own yearly record of the fulfillment of his graduation requirements, so that he may know at all times where he stands. The Registrar's office will keep the official record and advise the student concerning it. Ultimate failure to meet any graduation requirement will be the student's responsibility.

TRANSCRIPTS

Upon graduation or upon withdrawal before graduation, a student is entitled to one transcript of his college credits. Additional copies of the transcript are made available at one dollar each.

MINIMUM RESIDENCE REQUIREMENTS

To be eligible for graduation, a student must complete the minimum residence requirement of no fewer than two years at Susquehanna. One of these two years must be the senior year, unless special action is taken by the faculty or a cooperative program is involved.

Under normal circumstances students must complete their requirements for graduation within six years after their initial matriculation. Special cases must have the approval of the faculty. Military service will be excluded from this six year period.

REPORTS

Reports of students doing unsatisfactory or failing work are made to the office of the Dean of Students at intervals during the

semester. Whenever a student does unsatisfactory or failing work, he will be asked to confer with the Dean or adviser and a notice will be sent to the parent or guardian. Final reports of the work of each student are sent to the parent or guardian at the end of each semester.

ATTENDANCE REGULATIONS

UNDER NORMAL circumstances the University requires regular class attendance on the part of all students. At the same time, it is recognized that there are occasions when this may not be feasible; therefore, all absences resulting from official University business or illness are normally considered as excused. In the former case, such absences are excused by the Dean of Students; in the latter, by a University Nurse. In addition, each student is granted unexcused absences in each course equal to the number of credit hours the course carries.

In the interest of developing intelligent, responsible judgment on the part of the students, an exception to this procedure is made for all Dean's List students, who are allowed the privilege of unlimited absences. On the other hand, in the interest of academic achievement, students on probation are not permitted any unexcused absences.

The penalty for each excessive absence is one-third (1/3) extra credit added to the requirements for graduation. The Office of the Registrar is responsible for the application of such penalties on the permanent academic record of each student.

Each student is permitted five absences from chapel per semester. Chapel absences carry the same penalty as unexcused class absences.

No unexcused absences are permitted from examinations which have been announced at least one week in advance. The student is responsible to appear for such examinations at the appointed time.

When the student misses an examination for unexcused reasons, he is required to pay a fee of five dollars to the Office of the Bursar and must present a receipt to the instructor prior to taking a make-up examination.

Faculty members sponsoring athletic events, field trips or other student activities submit a list of participating students, with the time of departure and return, to the Office of the Dean of Students at least three days prior to the activity. Such students are automatically excused from classes on the basis of official University business. However, they are responsible for arranging in advance with their instructors to make up work that will be missed. If participation seems to jeopardize chance for scholastic success, the instructor notifies the student, his coach or faculty adviser, and the Dean of students.

REVIEW OF SOPHOMORE RECORDS

THE COMMITTEE on Student Standing reviews annually the two-year record of each sophomore. If this review shows that the student has had scholastic difficulty during his first two years and that there is grave doubt about his ability to finish successfully the last two years of college, the committee will recommend either a change of curriculum or withdrawal from the University.

GRADUATE RECORD EXAMINATIONS

IN ORDER TO PROVIDE a further measure of academic attainment in both general education and individual major subject areas, all students are required to take the Graduate Record Area Examinations during their sophomore and senior years. In addition, each graduating student will take the Graduate Record Examination in his major field during his senior year. This faculty action applies to all classes.

SATURDAY CLASSES

THE UNIVERSITY operates on a schedule of five and one-half days per week. Monday through Friday, classes are scheduled from 8 a.m. to 6 p.m. Saturday classes are scheduled from 8 a.m. to 12 noon. Students, therefore, may expect to be scheduled for classes, laboratories, conferences, or private lessons at any time within these hours.

11:

Guidance

SUSQUEHANNA has always maintained a faculty large enough to give personal attention to each individual student. It has, therefore, been possible to provide close personal guidance and counseling.

Susquehanna's policy is to provide personal attention for those who need it. Students who are capable of directing their own college studies and activities successfully are given opportunity to do so. Students learn by doing, and for those who do well nothing is so retarding as unnecessary supervision.

The Deans give special attention to failing students by holding personal interviews with them and keeping their parents informed of the progress of each case. When it is considered necessary, the student is referred to the Guidance Center.

At the end of each semester the complete records of failing students are reviewed by faculty committees representing the main fields of study. At this review, reports from the faculty advisers are read and the strengths and weaknesses of the students are evaluated. For those students who seem capable of improvement, the committee prescribes programs of studies, regulates their extra-curricular activities, notifies the parents of the difficulties, and calls the attention of professors to these cases.

During the orientation program new students are given college aptitude and placement tests. An opportunity is given each student to confer with a member of the teaching staff to outline the work of the freshman year. Susquehanna believes in the basic philosophy that for successful college life a continuous orientation program must be present. Thus, a Learning Seminar is required for all freshmen. Students meet in small classes once a week for the

first semester to receive guidance in such areas as: aspects of becoming an educated person, effective study procedures, listening comprehension, examination techniques, note taking, social etiquette, group leadership techniques.

The Dean maintains a central file in which all the students' records from various sources are collected. These are used to aid the student in coming to an intelligent adjustment to college life.

Not later than the end of the sophomore year each candidate for the Bachelor of Arts degree is required to select some field in which he expects to concentrate his work. This is expressed in a major and a supporting minor. When the selection of a major has been made, the professor at the head of that department becomes the student's adviser and replaces the general adviser of the freshman and sophomore years. The major adviser guides the student's program of study for the remainder of his college course.

Candidates for degrees in the Music Education curriculum are not required to choose major and minor fields for specialization but follow the curriculum prescribed for their professional training under advisers appointed from this department.

A candidate for the degree in Business Administration chooses his major field at the end of the freshman year, but he is not required to choose a minor.

Vocational planning is furthered by:

1. Encouraging the student to secure accurate information about the vocation in which he is interested.

2. Giving vocational interest tests to students who believe they possess special interests or abilities, or to those who are undecided.

3. Maintaining a series of references in the library where students may become acquainted with the literature concerning the various professions.

4. Informing students who plan to enter the professions or pursue further study on such matters as schools, admissions, costs,

scholarships, and courses. Faculty advisers have been designated for this purpose.

5. Arranging interviews, for seniors seeking positions, with personnel officers of business firms, representatives of state and federal civil service, and public school administrators.

THE GUIDANCE CENTER

In addition to the large amount of counseling done by the administration and the faculty, the University maintains a Guidance Center under the supervision of a psychologist. Students may make appointments to obtain diagnostic testing and professional counseling with educational and vocational problems as well as problems of personal adjustment.

A variety of aptitude, interest and personal adjustment tests may be administered and the results discussed with the student in individual conferences with the psychologist. Such conferences are usually helpful in making educational and vocational plans and in meeting certain personal and social adjustment problems. Personal counseling is available to any student on any matter.

PLACEMENT OF GRADUATES

The University maintains a placement service for it graduates. Although, in accepting a candidate for placement the University cannot guarantee a position, it does make every effort to assist alumni and students completing their education to obtain positions. No fee is charged for this service, the only requirement being that the registrant must keep the office informed of his employment status.

12:

Career Preparation

A COLLEGE EDUCATION is intended to enrich the student's cultural life and to prepare him to earn his living in a worthy profession. In many professions a rich cultural foundation, or general education, is the basis for later professional specialization. Susquehanna's curricula offer a wide variety of vocational choices and seek to prepare students in the areas of liberal arts, business and science.

LIBERAL ARTS

BESIDES being the core of the curricula of Susquehanna University and aiming to give a broad education, the Liberal Arts program opens to the student a variety of fields after graduation. The University prepares students for graduate work in the humanities and in the social sciences. A student with an outstanding record and a major of 24 to 36 credit hours will have no problem securing admission to the various graduate and professional schools. In all of these areas a broad, general education is a prerequisite. The student should be aware of the specific admission requirements of the graduate or professional school he desires to attend. Government service in various fields and industrial positions are also open to the Liberal Arts graduate.

Certain special areas beyond these for which Susquehanna's Liberal Arts curriculum prepares students are here noted.

MINISTRY

THEOLOGICAL SEMINARIES generally require a four-year college course for entrance. The American Association of Theological

Schools has stated that the college work of pre-theological students should result in acquaintance with the world of today, in the ability to use certain tools of educated man, and in a sense of achievement. The ministry needs men of broad culture. To this end, the student preparing to enter the seminary should lay emphasis on the Liberal Arts program in college rather than on the courses commonly known as pre-professional. See page 62 for a suggested course outline.

THE DIACONATE AND PARISH WORK

SUSQUEHANNA was the pioneer in working out the "three-two" cooperative plan with the School for Church Workers in Baltimore. Under this arrangement young women who desire to enter the full-time service of the church as deaconesses or parish workers may receive the Bachelor of Arts degree by attending Susquehanna for three years and the School for Church Workers for two years.

The curriculum for the first three years follows the program for Liberal Arts with the exception of courses in religion, which will be taken at the Baltimore school. Students interested in this program should contact the dean of the School for Church Workers for specific information.

PUBLIC SCHOOL TEACHING

SUSQUEHANNA has an outstanding record in the education of successful teachers and administrators. Its graduates in large numbers are serving as district superintendents, county superintendents, and principals. Programs are offered in Secondary Education and Music Education. For further details see page 87.

MUSIC

SUSQUEHANNA has a fully-staffed Division of Music. The University offers a program in Music Education for public school teaching and one in Applied Music preparing students interested in solo work, musicology, or church music. Students who are interested in preparing for careers as church musicians are advised

that the curriculum leading to the degree of Bachelor of Arts with a major in applied music (in this case, either organ or voice) will provide the essential general musical background and the foundation for graduate specialization which such a career demands. The elective courses in literature and counterpoint, plus required work with the University Choir, will provide an excellent and more than adequate foundation. For further information on the Music Education program see page 66, and on Applied Music see page 63.

SCIENCE AND MATHEMATICS

SUSQUEHANNA UNIVERSITY offers majors in chemistry, physics, biology, and mathematics. All of the science curricula seek to retain as much of a broad general education as possible while presenting the fundamental laws and principles and their practical and industrial applications. The student thus has opportunity to develop strong scientific foundation for industrial work, teaching, and further professional study in medicine, dentistry, optometry and allied fields, and for graduate work. Good students will find ready acceptance to the professional schools in these areas.

Students planning to go on to medical school are advised to major in chemistry and biology and to take at least 6 hours in mathematics and general physics.

In addition, after graduation students are prepared to pursue further study toward careers in optometry, physical therapy, laboratory technology, and veterinary medicine. They should consult catalogs of the professional schools of their choice well in advance of graduation.

ENGINEERING

SUSQUEHANNA has a cooperative arrangement with the University of Pennsylvania whereby a student may take three years of pre-engineering at Susquehanna and, on the recommendation of his faculty adviser, will be accepted for two years of engineering at the University of Pennsylvania. At the end of the five-year course he will receive two degrees, the Bachelor of Arts from Susquehanna and the Bachelor of Science in his branch of engineering from the University of Pennsylvania.

Under this plan, a student who meets the transfer requirements at the end of his three years at Susquehanna will transfer into the junior class of the University of Pennsylvania. There he will study chemical, civil, electrical, mechanical, or metallurgical engineering.

Students who are interested in entering this five-year course must make the necessary arrangements with the pre-engineering adviser when they register for the freshman year. Candidates in each branch of engineering will follow specific programs during their three years at Susquehanna.

BUSINESS ADMINISTRATION

SUSQUEHANNA UNIVERSITY offers specialized training for those young men and women who desire to enter business as a vocation. Preparation leading to the degree of Bachelor of Science in Business Administration is given in the fields of accounting, advertising, banking, insurance, personnel work, sales, statistics, and government service. All candidates for the degree must satisfy the requirements for one of the four major areas listed and also the requirements for graduation as described on page 64.

In the freshman and sophomore years all candidates will follow the schedule of courses as outlined on page 65.

Majors are offered in accounting, economics, finance, and marketing. Business Administration students select their major field of concentration when registering for the sophomore year.

Additional courses must be taken to complete the requirements for graduation as outlined on page 64 for a total of 132 credit hours (62 in business subjects and 70 in general education courses). The student will select the necessary elective hours in consultation with his adviser.

Students who are interested in becoming certified public accountants should consult their faculty adviser for individual state requirements.

THE INTERNSHIP PROGRAM

A six-week accounting internship program has been developed at Susquehanna University through a working arrangement with

these Certified Public Accounting firms: Price, Waterhouse and Company; Haskins and Sells; Peat, Marwick and Mitchell; and Arthur Young in New York City; Lybrand Ross Bros. and Montgomery; and Ernst and Ernst in Philadelphia.

This internship serves as special training for selected accounting majors and gives the student an opportunity to gain first-hand experience in the profession.

Eligibility for participation in the program is based on the student's scholarship index and recommendation of the coordinator.

13:

Requirements for Degrees

BACHELOR OF ARTS

SUSQUEHANNA, a Liberal Arts college, seeks to give a rich cultural training to its students. During the first two years of college the student should lay broad foundations in the general cultural courses so that in his junior and senior years he may work on the more specialized programs required for the various professions.

The course requirements for the Bachelor of Arts degree, in semester hours, are as follows: English, 12 hours; one foreign language, 12 hours; laboratory science or mathematics, 12 hours; history of civilization, 6 hours; American history, 6 hours; Bible and religion, 8 hours; psychology, 6 hours; personal hygiene and physical education, 6 hours.* These required courses total 68 semester hours. In addition, the student will choose elective courses in his major and minor fields to bring the grand total required for graduation up to 132 semester hours, including 4 hours in physical education, for which he receives no quality points.

The program of work for the first two years of Liberal Arts is described on the following pages.

*Pre-medical, pre-engineering, science, and mathematics majors are required to take 6 hours of history and 3 hours of general psychology.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
History of civilization	3	History of civilization	3
Bible	2	Bible	2
Personal hygiene or elective	2	Personal hygiene or elective	2
Physical education	1	Physical education	1
	17		17

SOPHOMORE YEAR

First Semester		*Second Semester*	
English or American literature	3	English or American literature	3
Christian faith	2	Christian ethics	2
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
General psychology	3	General psychology*	3
American history*	3	American history*	3
Physical education	1	Physical education	1
	18		18

In the junior and senior years the student will complete any general course requirements still outstanding and specialize in the major and minor fields of his choice.

Pre-theological students should follow the program outlined by the American Association of Theological Schools selecting courses to include the following: Religion, 8-12 hrs.; education (at least history of education) 4-6 hrs.; English (including public speaking and advanced composition) 12-16 hrs.; history (including ancient and medieval) 8-12 hrs.; language (at least one of the following: Latin, Greek, German) 12-16 hrs.; natural sciences (preferably a course in one of the physical and one of the biological sciences) 12-16 hrs.; philosophy (at least introduction to philosophy and courses in history of philosophy) 8-12 hrs.; psychology (at least general and educational) 4-6 hrs.; social sciences (at least two of

*Candidates for the teaching profession in Pennsylvania should take educational psychology and history of United States and Pennsylvania.

the following; economics, sociology, government, social psychology) 12-16 hrs. In addition, students must select a liberal arts major and meet all departmental requirements.

Pre-theological students who have not received credit for high school Latin shall, except under unusual circumstances as determined by the Dean, fulfill their language requirements with this language. Others are advised that seminaries prefer either Greek or German and they should plan to fulfill their requirement with one of these. The study of more than one of these languages is strongly recommended.

BACHELOR OF ARTS (Applied Music)

THE PROGRAM for the Bachelor of Arts candidate majoring in applied music is:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Music literature	3	Music literature	3
Bible	2	Bible	2
Applied music	2	Applied music	2
Eurythmics	1	Personal hygiene	2
Folk dancing	1		
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
Foreign language	3	Foreign language	3
Theory II	3	Theory II	3
History of civilization	3	History of civilization	3
History and music literature	3	History and music literature	3
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
General psychology	3	Conducting	3
Conducting	3	Theory and literature	3
Theory and literature	3	Applied music	2
Applied music	2	Christian ethics	2
Christian faith	2	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
American history	3	American history	3
Recital	4	Recital	4
Electives	4	Electives	4
	14		14

BACHELOR OF SCIENCE (Business Administration)

THE BACHELOR of Science degree is awarded to those who finish the course in Business Administration and complete one of the four fields of major concentration.

The general course requirements in Business Administration in terms of semester hours are: English, 9 hours; American government, 6 hours; American history, 6 hours; principles of sociology, 3 hours; Bible and religion, 8 hours; general psychology, 3 hours; science, 6 hours; college algebra, 3 hours; personal hygiene and physical education, 6 hours (1 hour of physical education in the junior year).

The required general courses total 50 semester hours. In addition, 20 semester hours must be elected in the field of general education, and 62 semester hours are required in the fields of Business Administration and Economics. This makes a total of 132 semester hours, the number required for graduation.

The 62 hours which are required in Business Administration and Economics must include the following: principles of economics, 6

The Marching Brass and Percussion provides halftime entertainment.

A queen is crowned.

The blistering Crusader ground attack gets under way.

Other sports are enjoyed with enthusiasm too.

hours; business statistics, 3 hours; mathematics of business and finance, 3 hours; accounting, 6 hours; business law, 6 hours; business management, 3 hours; and 35 additional hours elected from courses in the Division of Business. Typewriting credit toward this degree is limited to 4 semester hours. Credit in shorthand is limited to 6 semester hours.

Students planning to enter the fields of accounting, salesmanship, merchandising, finance, personnel administration, federal civil service, or other specialized fields of business, should arrange their electives in consultation with their advisers.

The program for the first two years of Business Administration is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Mathematics of business and finance *	3	General psychology	3
Business law	3	Business law	3
Elementary accounting	3	Elementary accounting	3
Science	3	Science	3
Personal hygiene	2	Sociology	3
Physical education	1		
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
American history	3	American history	3
Economics	3	Economics	3
Business management	3	English or American literature	3
Algebra	3	Statistics	3
Bible	2	Bible	2
Physical education	1	Physical education	1
Elective**	3	Elective**	3
	18		18

*Not required of students majoring in economics and those who pass the mathematics placement examination.

**Intermediate accounting is required for majors in accounting.

In the junior and senior years, the student will complete any general course requirements still outstanding and will specialize in one of the four fields of major concentration (accounting, marketing, economics, finance) as outlined on page 72.

BACHELOR OF SCIENCE (Music Education)

THE DEGREE of Bachelor of Science in Music Education is awarded to those students who complete 132 semester hours in the music curriculum which has been approved by the State Council on Education for the preparation of teachers of Music Education in Pennsylvania.

The four-year program follows. See MUSIC, page 107.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Introduction to music literature	3	Introduction to music literature	3
Bible	2	Bible	2
Eurythmics	1	Personal hygiene	2
Folk dancing	1	Applied music	2
Applied music*	2		
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
History of civilization	3	History of civilization	3
Theory II	3	Theory II	3
History and music literature	3	History and music literature	3
Public speaking	3	Methods (elementary vocal)	3
Applied music	2	Applied music	2
	17		17

*See APPLIED MUSIC, page 111.

JUNIOR YEAR

First Semester		*Second Semester*	
General psychology	3	Educational psychology	3
Social foundations of education	3	Theory and literature	3
Theory and literature	2	Conducting (instrumental)	3
Conducting (choral)	3	Methods (instrumental)	2
Methods (secondary vocal)	3	Christian ethics	2
Christian faith	2	Applied music	2
Applied music	2	Elective	1
	18		16

SENIOR YEAR

First Semester		*Second Semester*	
Science	3	Science	3
Orchestration	3	U. S. and Pennsylvania history	3
Student teaching and conference	3	Student teaching and conference	3
Applied music	2	Applied music	2
Electives	2	Electives	2
Physical education	1	Physical education	1
	14		14

A candidate for the degree of Bachelor of Science in Music Education may, upon completion of an additional year of one foreign language, one year of mathematics, and an additional semester of American history, become eligible for the degree of Bachelor of Arts with full certification for teaching in the public schools of Pennsylvania.

14:

Courses of Study

SUSQUEHANNA OFFERS some 225 separate courses in 25 areas of study. The courses are arranged in five Academic Divisions and listed alphabetically by subject matter in the pages which follow.

THE ACADEMIC DIVISIONS

LANGUAGE AND LITERATURE (Dr. Barlow, *chairman*)
- English (Dr. Rahter, *head of Department*)
- Classical Languages (Dr. Barlow, *head of Department*)
- Modern Languages (Dr. Gilbert, *head of Department*)
- Art

NATURAL SCIENCES AND MATHEMATICS (Mr. DeMott, *chairman*)
- Biology
- Chemistry
- Physics
- Mathematics

SOCIAL STUDIES (Mr. Stevens, *chairman*)
- History and Political Science (Dr. Reuning, *head of Department*)
- Sociology and Anthropology, Psychology, Education (Dr. Ofslager, *head of Behavioral Sciences Department*)
- Religion and Philosophy (Dr. Lotz, *head of Department*)
- Physical Education (Mr. Garrett, *acting head of Department*)

BUSINESS (MR. INNERS, *chairman*)
- Business Administration
- Economics
- Accounting

MUSIC (Mr. Hatz, *chairman*)
Music Education
Applied Music

THE COURSES

COURSES with odd numbers normally are given in the first semester; those with even numbers, in the second semester. Courses numbered in the 100 series are open primarily to freshmen; in the 200 series, primarily to sophomores; in the 300 series, primarily to juniors; in the 400 series, primarily to seniors. Those in the 500 series are seminars.

All hyphenated courses must be taken for the full year. Students may not enter these in the second semester unless the first semester has been satisfactorily completed. In case of all other two-semester courses either may be taken although it is advisable for students to take the complete year.

ART

MRS. KARNIOL
MISS POTTEIGER
MR. TAMKE

103 Art Appreciation — Ancient and Medieval

A general survey of sculpture, painting and architecture in Ancient Egypt, Mesopotamia, Asia Minor, Greece, Italy, and Northern Europe. The most important factors that have influenced the arts, such as religious belief, social, economic, political factors, geography, and climate will be studied. The purpose of this course is to supply elementary equipment for critical appreciation and the development of artistic taste.

Two hours. Two credits.

104 Art Appreciation — Renaissance Through Modern Times

A survey course designed to introduce the student to the history of painting, sculpture, and allied arts from the Renaissance to the present. The various schools of painting in Italy are studied together with the works of the master artists of Holland, Belgium, Spain, France, Germany, England, and America down to the art of today. This course is designed to develop fundamental principles of critical judgment.

Two hours. Two credits.

111 Oil Painting I

A studio course introducing the fundamental skills and techniques for the planning and execution of art through the medium of oil painting. Applied work in drawing, color, composition, and painting.

Two hours. Two credits.

112 Oil Painting II

Development of the student's painting skills from conservative realism to more contemporary concepts, composition, and a personal interpretation of nature. Prerequisite: 111.

Two hours. Two credits.

222 Advertising Art and Layout

An introduction to design and production in the graphic arts. Applied studio problems in planning and making posters, brochures, and booklets, with particular attention to layout, typography, and the use of illustrations.

Two hours. Two credits.

BIOLOGY

MR. DEMOTT
DR. PRESSER
MR. FULGHUM

Students majoring in Biology must complete 24 hours in biology including 101-102, 201, and 202. Biology 101-102 and Chemistry 111-112 are prerequisite to all advanced courses in biology. Students majoring in biology must also minor in chemistry including 101-102, 201, and 301-302 and must present the equivalent of mathematics 101 and 102. Biology majors expecting to do graduate work must consult their advisers concerning additional requirements.

101-102 General Biology

A consideration of the general principles of biology. The first semester is devoted to the plant kingdom with emphasis on the seed plant. The second semester is devoted to the animal kingdom with emphasis on the vertebrates. The student is introduced to heredity, embryology and evolutionary theory. Prerequisite to all advanced biology courses.

Three hours lecture, two hours laboratory each semester. Eight credits.

201 Plant Morphology

A study of the structure and life history of representative plants from each division of the plant kingdom demonstrating classification characteristics.

Three hours lecture, three hours laboratory. Four credits.

202 Invertebrate Zoology

A survey of the invertebrate animal phyla from the protozoa through the echinoderms. The anatomy, physiology and phylogenetic relationship of representative forms will be stressed.

Three hours lecture, three hours laboratory. Four credits.

301 Embryology

A comparative study of the normal development of the vertebrates. Prerequisite: 202.

Two hours lecture, six hours laboratory. Four credits.

302 Comparative Chordate Anatomy

A comparative study of chordate anatomy. Prerequisite: 301.

Two hours lecture, six hours laboratory. Four credits.

321 Microbiology

An introduction to the morphology, physiology, and taxonomy of microorganisms with emphasis upon the bacteria and related taxa. Basic bacteriological techniques are emphasized in the laboratory. Prerequisite: 201, concurrent registration or completion of Chemistry 301-302.

Three hours lecture, four hours laboratory. Four credits.

311 Genetics

An introduction to the study of genetics. Prerequisites: 101-102 and 111-112.

Three hours lecture, two hours laboratory. Four credits.

401 Physiology

An introduction to the study of physiology. Prerequisites: 101-102, 111-112, and concurrent registration or completion of Chemistry 301-302.

Three hours lecture, three hours laboratory. Four credits.

402 Histology

A study of the microscopic anatomy of the tissues and organs of mammals with a consideration of methods of preparing animal tissues for microscopic study. Prerequisite: 302.

Two hours lecture, six hours laboratory. Four credits.

420, 421 Problems in Biology

An introduction to methods and techniques involved in biological investigation. Individual students under the direction of a staff member are encouraged to work on problems in which they are especially interested. Admission with consent of major adviser.

A conference and three to nine hours laboratory weekly each semester. One to three credits each semester.

432 Plant Physiology

A study of the physiology of the plant including photosynthesis, translocation of solutes, metabolism, mineral nutrition, photoperiodism, hormones and growth.

Three hours lecture, three hours laboratory. Four credits.

501-502 Seminar

An informal course for majors. A variety of biological topics will be discussed or assigned for special reports. Special interests of individual students will be considered. Admission with consent of the instructor.

Two hours each semester. Two credits.

BUSINESS ADMINISTRATION

Dr. Armstrong
Mr. Inners
Mr. Rule
Mr. Fladmark
Mr. Graybill
Mr. Cox

The following courses are required in the major fields.

Accounting: Business Administration 211, 212, 311, 323, 411, 431, and 6 hours to be selected from 312, 324, 504.

Economics: Economics 221-222, 235, and 15 hours to be selected from Economics 231, 311, 312, 344, 431, 441, 452, 502, History 361.

Finance: Business Administration 332, 341, 351, Economics 311, 312, 344, and 6 hours to be selected from Business Administration 211, 212, 335, 352, Economics 431, History 361.

Marketing and Management: Business Administration 222, 223, 241, 242, 362, 364, and 6 hours to be selected from Business Administration 114, 214, 229, 335, 501, Economics 231, Sociology 302.

In addition, Business Administration 221 and 234 are required of all Business Administration students.

A Mathematics placement test will be given all Business Administration students during orientation week and the results will determine whether the student will take Mathematics of Business and Finance.

101 Mathematics of Business and Finance

The course reviews the fundamental operations of mathematics with emphasis on the practical mathematics required in accounting, marketing, and finance. Areas to be covered are: decimals, simple interest, banker's discount, percentage and its applications, compound interest, co-insurance, depreciation and capitalization, mark-up, turnover, taxes — other than Federal Income, stocks and bonds and annuities, consumer credit, the underlying theory of investments, life insurance.

Three hours. Three credits.

111-112 Elementary Accounting

An introductory course emphasizing basic accounting principles and their applications. Original entries, the technique and classification of accounts, adjusting and closing entries, work sheets, controlling accounts, depreciation and bad debts allowance accounts, the voucher system, and basic financial statements are presented. In the second part of the course attention is given to elementary accounting as applied to partnerships and corporations, departmental trading accounts, branch accounts, manufacturing accounts, and to the analysis and interpretation of simple financial statements. The Orientation Test and Achievement Test, Level I, of the American Institute of Accountants will be required.

Three hours recitation, two hours laboratory each semester. Six credits.

114 Economic Geography

A study of the regional distribution of the world's population, resources, and industries.

Three hours. Three credits.

121-122 Business Law

A study of the law as it relates to business considering essential elements of a contract, agency, employer and employee, negotiable instruments, suretyship, insurance, bailments, carriers, sales, partnerships, corporations, deeds of conveyance, mortgages, landlord and tenant, wills, guardians, and rights in property which result from domestic relations. Some attention is given to torts, business crimes, and legal procedure.

Three hours each semester. Six credits.

211 Intermediate Accounting

Advanced corporation accounting, with emphasis on procedures in manufacturing accounting; accounting principles relating to cash, receivables, inventories, and current liabilities. Laboratory problems. Prerequisite: 111-112.

Three hours recitation, two hours laboratory. Three credits.

212 Intermediate Accounting

Accounting principles relating to the classification and valuation of tangible and intangible assets, and liabilities; accounting for investments; funds and reserves; statement analysis, and statement of application of funds. Accounting problems. Prerequisite: 211.

Three hours. Three credits.

214 Economic Geography of North America

Industries and resources of North America, their regional distribution, their effect upon the standard of living in the United States, and their importance to the rest of the world.

Three hours. Three credits.

221 Principles of Business Management

A study of scientific business management, including a consideration of the basic processes of administration such as planning, organizing, directing, and controlling business activities.

Three hours. Three credits.

222 Personnel Management

The course includes a study of the following: the development of personnel management, instruments of personnel control, education and training of the workers and the supervisory force, employee incentives, industrial democracy and social controls, and special problems in industrial relations.

Three hours. Three credits.

223 Insurance

The economic and social values, the important principles and practices, and the principal legal phases of each of the common forms of insurance.

Three hours. Three credits.

229 Business Writing

A course in writing correct and effective business letters, reports, articles, and other forms of business communications. Prerequisite: English 101-102.

Three hours. Three credits.

235 Business Statistical Methods

Methods of accumulating, presenting, and analyzing numerical data. Measures of central tendency and variability, probability, time series, types of business fluctuations, and measures of correlation will be examined.

Three hours. Three credits.

241 Advertising

A study of the functions, forms, principles, and applications of advertising. It includes copy writing, layouts, and other factors in the preparation of advertisements; advertising media, advertising research, the economic significance of advertising, and related topics.

Three hours. Three credits.

242 Salesmanship

Principles and problems of salesmanship. A study is made of such subjects as the selling process, character and personality as related to salesmanship, and principles, methods, and concrete problems.

Three hours. Three credits.

311 Cost Accounting

Accumulation and analysis of cost data and their uses; control of material, labor, and manufacturing expense, including job order and process costs. Prerequisites: 211, 212.

Three hours. Three credits.

312 Standard Costs, Budgeting and Control

An integrated and comprehensive treatment of standard costs and budgeting. Study of controllership as a distinct business procedure, with emphasis on the function, control of operations, accounting reports, and administration of the controller's department. Prerequisite: 311.

Three hours. Three credits.

321 Machine Accounting

A course in the basic operating technique of office machines and their application to accounting procedures. Particular attention is given to adding and calculating machines, class exercises and laboratory work. This course will be limited to accounting and merchandising majors.

Two hours recitation, two hours laboratory. Three credits.

323 Federal Tax Accounting

A study of the Federal Income Tax Law and Regulations covering taxable income of individuals. A brief study is also made of social security taxes. Practical problems and preparation of returns. Prerequisites: 211, 212.

Five hours. Three credits.

324 Advanced Taxes

A study of the Federal Income Tax Law and Regulations as they apply to corporations and partnerships. In particular, corporate reorganization, capital gains and losses, personal holding corporations and other pertinent topics will be treated. Prerequisite: 323.

Three hours. Three credits.

332 Corporation Finance

The various principles underlying the financing of business organizations. Topics will include the various types of capital, the basis of capitalization, various types of securities, the underwriting syndicate, distribution of surplus, governmental controls, receivership, and reorganization. Closed to seniors.

Three hours. Three credits.

335 Advanced Statistics

A study of the technique of analyzing research data applicable to problems of business and economics. Special emphasis will be placed on test of significance, correlation and analysis of variance. Prerequisite: 235.

Three hours. Three credits.

341 Investments

A study of stocks, bonds, real estate, investment trusts, mortgages, and annuities as related to investments. A consideration of objectives, institutions, sources of information, media, analysis of risks, returns, and other subjects.

Three hours. Three credits.

351 Advanced Business Law

Intended primarily for those who plan to enter the field of accounting. Includes a general review of contracts, corporations, and real property, and more intensive study in sales, negotiable instruments, security devices, and bankruptcy. Considerable attention is also given to regulation of specific sectors of the American economy by government administrative agencies.

Three hours. Three credits.

352 Real Estate Principles and Practices

Real estate principles and practices as they affect the property owner, the real estate broker, and the business man with consideration of the economic, financial, legal, and social aspects of the real estate field.

Three hours. Three credits.

362 Marketing

The principles and practices involved in moving goods from the producers to the consumers. The case method of instruction will be used.

Three hours. Three credits.

364 Retail Merchandising

The principles and practices dealing with the development, organization, operation, and merchandising techniques of retail business. The case method of instruction will be used.

Three hours. Three credits.

411 Advanced Accounting

Accounting theory and problems in relationship to partnerships, branch accounting, and corporation consolidations. Prequisites: 211, 212.

Three hours. Three credits.

431 Auditing

Duties and responsibilities of an auditor, kinds of audits, audit practice, procedure, and reports. Practical problems and preparation of working papers. Prerequisites: 211, 212. Open to seniors only.

Three hours. Three credits.

501 Problems in Business Management

A case method approach to an analysis of problems encountered by management. Specific emphasis will be on policy decisions affecting production, personnel, finance, and sales. Prerequisite: 221. Open to seniors only.

Three hours. Three credits.

502 Accounting Internship

Selected senior accounting majors work under the supervision of an accounting firm for six weeks, beginning immediately after completion of first semester examinations. Open to seniors only. Prerequisites: 211, 212, 431.

Six weeks. Two credits.

504 Seminar in Accounting

This course covers report writing and financial statement analysis with emphasis on advanced auditing including internal auditing and related problems. The student is expected to do considerable research in the literature of accounting. Course begins upon the return of accounting internees. Prerequisites: 211, 212, 431.

Five hours. Three credits.

BUSINESS EDUCATION — MISS BEAMENDERFER

101-102 Typewriting

Mastery of the keyboard and the mechanical features of the typewriter. Letter writing, tabulation, and the preparation of business papers are included. Not offered 1963-64.

Fours hours each semester. Four credits.

111-112 Gregg Shorthand

Instruction in the principles of shorthand with emphasis on both reading and writing. Dictation and transcription of practice letters. Not offered 1963-64.

Five hours each semester. Six credits.

201-202 Typewriting

Perfecting and making permanent the skill established in the first year. Speed and accuracy are emphasized. Practice in the writing of manuscripts, legal papers, stenciling, business letters, and papers are included. Prerequisite: 101-102.

Three hours each semester. Four credits.

211-212 Gregg Shorthand

Advanced work in shorthand, includes dictation and transcription of business letters, technical matter, and radio addresses. Prerequisite: 101-102 and 111-112.

Three hours each semester, Six credits.

301 Medical Aid and Simple Nursing Techniques

This course is based on the American Red Cross First Aid Textbook. It is designed to aid the medical secretary in dealing with emergencies, and to provide a background of knowledge in sick-room procedure, mental and physical hygiene, and sanitation. Alternates with 313. Not offered 1963-64.

Two hours. One credits.

302 Medical Terminology

A study of the prefixes, suffixes, abbreviations, and definitions of medical terms. The student learns the vocabulary of medical, anatomical, pathological and scientific terms and studies the derivation and correct spelling and pronunciation of these terms. Alternates with 402. Not offered 1963-64.

Two hours. One credit.

312 Medical Shorthand

A study of technical medical terminology, prefixes and suffixes, phrases, and special outlines. Dictation and transcription of technical material. Not offered 1963-64.

Three hours. Three credits.

313 Medical Ethics and Office Procedure

Aims to provide an understanding of office and hospital ethics, the relation of the doctor and the patient, the various specialties in the field of medicine, and the business side of a doctor's office, dealing with such aspects as records, fees, accounts, the doctor and the law, and liability and insurance. This course is given for medical secretarial students. Not offered 1963-64.

Two hours. Two credits.

321 Business Education Methods

A critical study of objectives, psychological laws, underlying skills, organization of materials, tests, and standards of achievement. Special attention is given to the various methods of teaching shorthand, typewriting, and bookkeeping. The student is given practice in drawing up lesson plans and teaching. Prerequisites: 201-202, 211-212, and Business Administration 311. Alternates with 401.

Three hours. Three credits.

401 Office Practice

A general view of the function of the office in modern business and a systematic coverage of office routines. The uses and operating principles of various office machines are studied. Prerequisites: 201-202 and 211-212. Alternates with 321.

Three hours. Three credits.

402 Clinical Office Procedures

Deals with the practical aspect of the demands on a medical secretary. Includes the use of office equipment; sterilization, care and preparation of instruments. The student learns the use of the clinical thermometer, sphygmomanometer; and other simple techniques, such as chemical urine analysis, and preparation for examination and minor operations. Not offered 1963-64.

Two hours. Two credits.

414 The Business Curriculum

The philosophy and objectives of business education, its development and the examination and evaluation of its curricula in the secondary schools. Additional topics include selection of textbooks and equipment, visual aids, standards of achievement and testing, guidance, relations with business and the community, job placement, teacher qualifications and professional development. Lectures, reference assignments, reports. Prerequisite: 321.

Three hours. Three credits.

CHEMISTRY

DR. BROWN
DR. GIFFIN
DR. HOUTZ

A student majoring in Chemistry must take 24 hours including 111-112, 201-202 and 301-302. Those wishing to do graduate work in chemistry must consult the adviser concerning additional requirements.

A student who selects a minor in Chemistry must take at least 18 hours.

101-102 Fundamentals of Chemistry

The study of the fundamental concepts and principles concerning the physical and chemical properties of the elements and compounds. The laboratory concerns the properties, methods of testing and evaluation of industrial products and chemicals. This course carries no major credit and is to be considered terminal.

Two lectures, three hours laboratory each semester. Six credits.

Heilman Music Hall is one of the finest facilities of its kind in the nation.

Historic Selinsgrove Hall, the original home of Missionary Institute, is now used exclusively for administrative purposes.

Depicting his namesake of years gone by, a Susquehanna Crusader rides horseback at a campus event.

Two national fraternities have attractive contemporary homes on S.U.'s west campus.

Homecoming festivities feat
Susquehanna's annual fl
parade.

111-112 General Chemistry

The study of the fundamental concepts and principles concerning the physical and chemical properties of the elements and inorganic compounds. The first term laboratory is largely quantitative in nature. The second term is mainly qualitative analysis.

Three hours lecture, three hours laboratory each semester. Eight credits.

201-202 Advanced Inorganic Chemistry

The first term involves theoretical principles of chemical bonding, molecular structure and chemistry of the light nontransitional elements. The second term concerns the heavy and transitional elements. The laboratory consists of advanced qualitative and instrumental analysis.

Two hours lecture, four hours laboratory each semester. Six credits.

301-302 Organic Chemistry

The study of the basic concepts of organic chemistry of aliphatic and aromatic hydrocarbons and derivatives.

Three hours lecture, four hours laboratory each semester. Eight credits.

331, 332 Physical Chemistry

The first term concerns physical states of matter; first and second law of thermodynamics; properties of gases and solutions; electrolytic conduction. The second term concerns phase equilibrium, chemical equilibrium, and third law of thermodynamics.

Two hours lecture, four hours laboratory. Three credits each semester.

401-402 Quantitative Analysis

Principles of quantitative separations and determinations. Volumetric and gravimetric methods for the determination of typical inorganic constituents and organic functional groups.

One hour lecture, six hours laboratory each semester. Four credits.

412 Biochemistry

An introductory study of the chemical processes involving living animal matter.

Two hours recitation, three hours laboratory. Three credits.

421 Metallurgy

A study of the fundamental principles and their applications of physical metallurgy of iron and steel. The laboratory concerns a study of physical and chemical types corrosion.

Two hours lecture, three hours laboratory. Three credits.

422 Industrial Chemistry and Technology

A study of the important chemical and engineering processes and products.

Two hours lecture, three hours laboratory. Three credits.

431-432 Advanced Organic Chemistry

Theoretical interpretation of reactivity, reaction mechanism and molecular structure. Discussion and evaluation of general synthetic methods of organic chemistry. The laboratory consists of qualitative organic analysis.

Three hours lecture, four hours laboratory each semester. Eight credits.

CLASSICAL LANGUAGES

DR. BARLOW
DR. FREED

GREEK

Courses 101-102 and electives beyond 101-102 to make a total of 24 hours are required for a major.

Courses 101-102 and electives beyond 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Greek

Emphasis will be placed on the acquisition of a knowledge of the fundamental principles of Greek grammar and syntax. Easy selections from Greek literature illustrating the grammar and syntax studied.

Four hours each semester. Six credits.

201-202 Intermediate Greek

During the first semester, a study of selected portions of the *Anabasis* of Xenophon against its background in Greek history. During the second semester, a study of Plato's *Apology* and *Crito*. Special consideration is given to the study of the character of Greek thought. Prerequisite: 101-102.

Three hours each semester. Six credits.

301 New Testament Greek

A reading course designed primarily for candidates for the ministry and religious workers. A linguistic and historical interpretation of the New Testament. Selections from the historical and didactic literature are used. Prerequisite: 201-202. Alternates with 401.

Three hours. Three credits.

302 Greek Drama

One play of Sophocles and one play of Aeschylus will be read with special attention to their literary merit and their metric and scenic antiquities. Alternates with 402.

Three hours. Three credits.

401 Greek Drama

One play of Euripides and a play of Aristophanes will be read with special attention to their literary merit and their metric and scenic antiquities. Prerequisite: 201-202 or equivalent. Alternates with 301. Not offered 1963-64.

Three hours. Three credits.

402 Epic Poetry

Selections from Homer will be examined with special attention to developing facility in reading. The Greek *epos* is considered as an expression of the thought and general conditions of early Greek life. Alternates with 302. Not offered 1963-64.

Three hours. Three credits.

LATIN

Courses in advance of 101-102 including 401 and 402 to complete a total of 24 hours are required for a major.

Courses in advance of 101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 101-102.

101-102 Elementary Latin

A study of pronunciation, essential forms, and the principles of syntax. The aim of this course is to develop as quickly as possible an ability to read Latin in simple texts.

Four hours each semester. Six credits.

201-202 Intermediate Latin

Selected writings of Cicero with supplementary reading in English. Also included is Vergil's *Aeneid* including a study of the poem as a whole, its sources, poetical diction and its mythological background. Prerequisite: two years of high school Latin or 101-102.

Three hours each semester. Six credits.

301, 302 Ovid, Catullus and Vergil

Selected portions of the works of Ovid and Catullus and of Vergil's *Eclogues* and *Georgics*. Special attention will be given to the various types of poetry represented in the writings of these authors. Prerequisite: 201-202 or four years of high school Latin. Not offered 1963-64.

Three hours each semester. Three credits each semester.

311 Livy

Selections from Livy. Special attention will be given the study of early Roman history as it is revealed in the works of Livy. Prerequisite: 201-202 or four years of high school Latin.

Three hours. Three credits.

312 Roman Drama

One play each of Plautus, Terence and Seneca will be read. These will be studied with special attention to their literary merit and their influence on later drama. Prerequisite: 201-202 or four years of high school Latin.

Three hours. Three credits.

321 Horace

Selections from Horace's *Odes, Epodes, Satires,* and *Epistles*. A study of Horace as a satirist, philosopher, lyric poet, and literary critic by a representative study of his works. Prerequisite: 201-202 or four years of high school Latin. Not offered 1963-64.

Three hours. Three credits.

322 Lucretius

Selections from Lucretius' *On the Nature of Things*. A study of Lucretius' philosophical ideas and also of other ancient philosophical systems. Prerequisite: 201-202 or four years of high school Latin. Not offered 1963-64.

Three hours. Three credits.

401 Tacitus

Selections from Tacitus' historical works. Special attention will be given to a study of the history of the early empire as it is revealed in the historical works of Tacitus. Prerequisite: at least 6 credits from 301, 302, 311, 312, 321, 322. Not offered 1963-64.

Three hours. Three credits.

402 Latin Prose Composition

A review of forms and of principles of syntax, drill in writing Latin, and a study of Latin style and idioms. Prerequisite: at least 6 credits from 301, 302, 311, 321, 322. Not offered 1963-64.

Three hours. Three credits.

403 Latin Prose Composition

A study of selected topics of Latin grammar and syntax. Prerequisite same as for 401.

Three hours. Three credits.

404 Roman Historians

A study of the Roman writers of history other than Livy and Tacitus. Prerequisite same as for 401.

Three hours. Three credits.

LITERATURE IN TRANSLATION

211 Greek Literature in Translation

A study of the major works of Greek literature in relation to one another and to the major western literatures. Carries no major credit.

Three hours. Three credits.

212 Latin Literature in Translation

A study of the major works of Latin literature in relation to one another and to the major western literatures. Carries no major credit.

Three hours. Three credits.

ECONOMICS

DR. FUTHEY
MR. KARATZAS
DR. ARMSTRONG

Economics 221-222, 421 and 15 hours from among Economics 231, 311, 312, 344, 431, 441, 452 and 502 are required for a major.

Economics 221-222, 421 and 9 hours from among Economics 231, 311, 312, 344, 431, 441, 452, and 502 are required for a minor (applicable to liberal arts students only).

221-222 Principles of Economics

A study of the existing economic order and basic economic principles and problems. Deals with production, value and price, exchange, distribution, consumption and saving, and income and expenditures of government with reference to goods and services. This course is a prerequisite for all advanced courses in Economics.

Three hours each semester. Six credits.

231 Labor Problems

A study of labor problems from the viewpoint of the employee, the employer, and the public. Federal and State legislation dealing with labor and its problems is also considered. Special attention is given to labor organizations and their activities.

Three hours. Three credits.

235 Business Statistical Methods

See Business Administration 235.

Three hours. Three credits.

311 Money and Banking

A study of the nature, functions, principles, and problems of money, credit, and banking. Special attention will be given to price levels, industrial depressions, international exchange, and government regulation of money and banking.

Three hours. Three credits.

312 National Income Analysis

A study of the flow of national income and money in the economy through a detailed examination of the national income account.

Three hours. Three credits.

344 Public Finance

Public expenditures and revenues, principles of taxation, government enterprises, public budgets, and fiscal policy.

Three hours. Three credits.

431 International Trade and Policy

A study of the basic theory and major institutions of international economic relations. Examines critically the technique and background of protectionism and free trade, foreign trade promotion, monetary and exchange policy, and international economic organization and cooperation. Includes the balance of payments, foreign exchange, and international banking.

Three hours. Three credits.

441 History of Economic Thought

The development of economic concepts and schools of economic thought from earliest times to date.

Three hours. Three credits.

452 Comparative Economic Systems

A comparative study of present economic, political, and social doctrines of the free enterprise system, socialism, communism, and fascism.

Three hours. Three credits.

502 Intermediate Economic Theory

The course is designed particularly for those students interested in graduate study and economic research. Prerequisites: 221-222, 6 additional hours in Economics and permission of the instructor.

Three hours. Three credits.

EDUCATION

MR. BASTRESS
MR. WISSINGER
DR. LYLE

The requirements for certification to teach in the secondary schools are as follows:

PENNSYLVANIA

I. Basic Requirements

The provisional college certificate is issued to an applicant who has completed an approved teacher education curriculum and has

been granted a baccalaureate degree in an accredited college or university.

II. General Education Requirements

A. A minimum of sixty (60) semester hours of acceptable courses in general education with not less than twelve (12) semester hours in the humanities and not less than six (6) semester hours in the social sciences and not less than six (6) semester hours in a laboratory science.

B. Courses taken under general education may be used toward certification in the individual's teaching field.

C. History 201, 202 and English 215 are required of teaching candidates.

III. Professional Education Requirements

A. A minimum of eighteen (18) semester hours of approved professional education courses.

B. For all teaching candidates: Education 201, 211 and 400.

C. For teaching candidates in the academic subjects: Education 302 plus a minimum of three (3) semester hours elected from Education 301, 311 and 401.

IV. Subject Matter Specialization Requirements

The minimum college semester hours required for certification of secondary school teachers in academic subjects are as follows:

1. History, history and government, mathematics, biology, chemistry, physics (24 semester hours)
2. Foreign Language (24 semester hours)
   Applicants will be certified on the basis of an examination to be determined by the Department of Public Instruction in the areas of conversation, reading and writing of the foreign language.
3. Comprehensive Foreign Language Certificate (36 semester hours)
   This certificate requires a minimum of 24 semester hours in the first language and a minimum of 12 semester hours

in any additional language. Proficiency in the languages will be determined by an examination as stated in "IV-2" above.

4. Comprehensive English Certificate (36 semester hours)
   A certificate valid in English will also include reading when a minimum of six (6) semester hours has been completed in remedial and developmental reading.

5. General Science (24 semester hours)
   The completion of 24 semester hours in any two or all of the sciences will provide certification to teach general science in grades 7, 8, and 9.

6. Comprehensive Science Certificate (40 semester hours)
   This certificate is valid for teaching all the sciences and may be issued upon the completion of 40 semester hours with not less than 8 semester hours in each of the following: biology; chemistry and physics; and not less than 6 semester hours in earth sciences (astronomy, geology and meteorology); and not less than 3 semester hours in mathematics.

7. Physics and Mathematics (36 semester hours)
   This certificate requires a minimum of 12 semester hours in each field.

8. Comprehensive Social Studies Certificate (36 semester hours)
   This certificate requires a minimum of 36 semester hours distributed in the following areas: history, geography, government, economics, and sociology and/or anthropology.

9. For specialized curriculum in Music Education see page 66.

Those who are planning to teach must declare their intention to the Registrar during the second semester of the sophomore year and meet the qualifications of the Committee on Teacher Education. One of the requirements necessary for approval by the Committee is that the student must have a scholarship index of 2.00 for the freshman and sophomore years. After being approved the teacher candidate must continue to maintain at least a 2.00 scholarship index during the junior and senior years or be dropped as a teacher candidate. Once a student has lost this approval he may reapply when his quality point deficiency is corrected. Unless special permission is granted by the instructor, only students who have

been approved by the Committee on Teacher Education may enroll in teacher education courses. Educational psychology is, however, open to all students.

No teacher candidate will be recommended for state certification if he has any grade below "C" in his teaching major.

The curriculum is established to meet certification requirements of the Commonwealth of Pennsylvania. Those who wish to be certified in other states must notify the Registrar not later than the end of the sophomore year. Information concerning certification in other states may be obtained from the Departments of Education of each state, or the Registrar's Office. Students who plan to teach outside of Pennsylvania are responsible for meeting their own requirements.

201 Social Foundations of Education

This course is designed to show the social forces that influence education. Materials selected from the fields of sociology, anthropology, economics and political science that have an impact on education will constitute the major part of the course.

Three hours. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning, motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: Psychology 201.

Three hours. Three credits.

301 History of Education

A study of the historical development of education in America and Europe. The major emphasis will be placed upon the use of the historical method as an approach to the study of present day problems that face American education in a democratic society. A brief review will be made of the European educational scene.

Three hours. Three credits.

302 Techniques of High School Teaching

This course will cover the principles and practices that are identified with successful teaching in the secondary school. Students will teach demonstration lessons in their major field before the class.

Special methods of teaching applied to the specialized field for which the student is preparing will be stressed. Required of all Liberal Arts juniors entering the teaching field.

Three hours. Three credits.

308 Tests and Measurements

See Psychology 308.

Three hours. Three credits.

311 Secondary Education

This course will analyze the basic principles and practices of the secondary school as they affect the student, the teacher, and the curriculum. Major attention will be given to the curriculum in the American secondary school and will also include a comparative study of European secondary education.

Three hours. Three credits.

321 Developmental and Remedial Reading I

The prevention and detection of reading disabilities, diagnosis and basic skills. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisites: Psychology 201, 211.

Three hours. Three credits.

322 Developmental and Remedial Reading II

The prevention and detection of reading disabilities and their correction. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisite: 321.

Two hours lecture, two hours laboratory. Three credits.

400 Student Teaching

This course requires observation and student teaching in nearby schools under the supervision of a public school teacher and a college supervisor. Students in this course are also required to attend a weekly conference throughout the year for discussion of teaching problems, school law and other reports. A laboratory fee is charged. Students in Liberal Arts and Music Education who plan to teach should plan slightly heavier schedules in their sophomore and junior years so that one semester in their senior year will require scheduling no more than 10 semester hours plus student teaching. Either the forenoon or the afternoon must be free from campus classes to do student teaching.

Six hours. Six credits.

401 Audio-Visual Education

The operation and effective use of audio-visual machines and other sensory materials will be stressed.

Three hours. Three credits.

404 Introduction to Counseling

See Psychology 404.

Three hours. Three credits.

ENGLISH

DR. RAHTER
DR. NARY
DR. TISCHLER
DR. WILEY
MRS. MCCUNE
MR. CURTIS
MRS. REIMHERR
DR. FREED
MR. BERKHEIMER
MRS. HEIM

All majors and minors in English are required to take 231, 232, 241, 242, 403, 404, and 411. Majors must elect a minimum of 15 additional credits; minors, a minimum of three additional credits.

All minors in theatre are required to take the following courses: 219, 220, 221-222, 225-226. In addition, a minimum of six credits must be selected from 311, 312, 411, 412.

101-102 Composition

A study of the principles of good writing. The work of the first semester includes the careful reading of selected essays and written exercises thereon; the emphasis is upon exposition. The second semester is an introduction to the chief literary genres, with written work in the form of essays in analysis and criticism.

Three hours each semester. Six credits.

201 Expository Writing

A study of the traditional patterns of discourse with emphasis on the practice of expository and argumentative writing and with attention to the development of rhetorical force and style. Prerequisite: 101-102, or advanced standing.

Three hours. Three credits.

202 Advanced Composition

Individual projects in expository or imaginative composition, adapted to the interests of the individual student. Consultation with the instructor and criticism of manuscripts. Prerequisite: 201.

Three hours. Three credits.

211 Journalism

An introduction to newspaper work, with specific practice in reporting, editorial writing, feature article writing, make-up, and other activities connected with the weekly college newspaper, *The Crusader.* Credit given to sophomores, juniors, and seniors.

One hour each semester. Two credits.

215 Public Speaking

Fundamentals and practice in speaking to an audience. Emphasizes content and delivery.

Three hours. Three credits.

219 The Arts of The Theatre

After a study of the arts of the playwright, actor, director, and designer, attention is turned to the forms of opera, musical comedy, film, and television.

Three hours. Three credits.

220 The Theatre of The Western World

A study of the chronological development of the theatre of the western world as a performing art.

Three hours. Three credits.

221-222 Acting

An introduction to theories and techniques of acting. Students perform scenes from plays in class.

Three hours each semester. Six credits.

225-226 Directing

An introduction to theories and techniques for producing plays; includes specific study in the areas of play selection, casting, rehearsals, costumes, scenery, make-up, and lighting. Students direct scenes from plays. Prerequisite: 221-222, or permission of the instructor.

Three hours each semester. Six credits.

231, 232 Survey of English Literature

The study of the development of English literature in its various forms and movements. The first semester covers the period from 449 to the beginning of the Romantic Movement. The second semester covers the 19th century.

Three hours each semester. Three credits each semester.

241, 242 American Literature

The study of the chief forms and movements of our native literature, with emphasis on the major figures. The first semester covers the period from the beginning to Melville; the second semester, from Whitman to the present.

Three hours each semester. Three credits each semester.

311 English Drama Before 1900

The historical background and development of English drama to 1900.

Three hours. Three credits.

312 Modern Drama

A study, in English, of drama in the western world from 1890 to the present.

Three hours. Three credits.

321, 322 The English Novel

The historical development of the English novel from Defoe to the 20th century. Not offered 1963-64.

Three hours each semester. Three credits each semester.

331 The Art and Appreciation of Poetry

Analysis and discussion of English and American poems, without regard to period, to develop the student's understanding of the techniques of poetic craftsmanship and his appreciation of poetic form. Not offered 1963-64.

Three hours. Three credits.

332 Modern English Poetry

A study of representative British and American poets of the 20th century. Not offered 1963-64.

Three hours. Three credits.

341 The Seventeenth Century

A study of the nondramatic literature, exclusive of Milton, through the Restoration, with emphasis on the prose of Bacon, Browne, and Locke and on the poetry of Donne, Jonson, and Dryden. Not offered 1963-64.

Three hours. Three credits.

342 The Eighteenth Century

A study of the chief poets and prose writers, exclusive of the drama, of the neo-classical period.

Three hours. Three credits.

343 The Romantic Movement

Poetry and prose from 1786 to 1830, with the major emphasis upon the work of Wordsworth, Coleridge, Lamb, DeQuincey, Shelley, Byron, Keats, and Hazlitt. Not offered 1963-64.

Three hours. Three credits.

344 Victorian Literature

Poetry and prose from 1830 to 1900, with the major emphasis on the works of Tennyson, Browning, Arnold, Macauley, Carlyle, Newman, and Huxley. Not offered 1963-64.

Three hours. Three credits.

401 Chaucer

A reading of *Troilus and Criseyde, The Canterbury Tales,* and some of the minor poems in Middle English, with greater attention to the literary than to the linguistic aspects.

Three hours. Three credits.

403, 404 Shakespeare

The first semester is devoted primarily to the histories, the romantic comedies, and several of the earlier tragedies. In the second semester the great tragedies, a sample of the dark comedies, and the romances of the last period are studied.

Three hours each semester. Three credits each semester.

406 Milton

The chief poetical writing of John Milton will be carefully studied, along with selections from his prose works. Not offered 1963-64.

Three hours. Three credits.

411 The History of the English Language

The origin and development of the English language from the earliest times to the present; standards of written and spoken English; the differences between the English spoken in England and that spoken in various parts of America.

Three hours. Three credits.

412 Modern English Grammar and Usage

A senior-level review of traditional grammar and usage and an introduction to the modern scientific study of English.

Three hours. Three credits.

GEOLOGY AND GEOGRAPHY — MR. FLETCHER

GEOLOGY

101-102 Introductory Geology

An introduction to the study of the composition, structure, and origin of the earth. Emphasis is on the common rocks and minerals and the geologic agents and processes which have produced the present topography and structure of the earth. The earth's history and the development and evolution of its organisms as interpreted from the geological record is discussed.

Three hours lecture, two hours laboratory each semester. Six credits.

201 Sedimentary Rocks

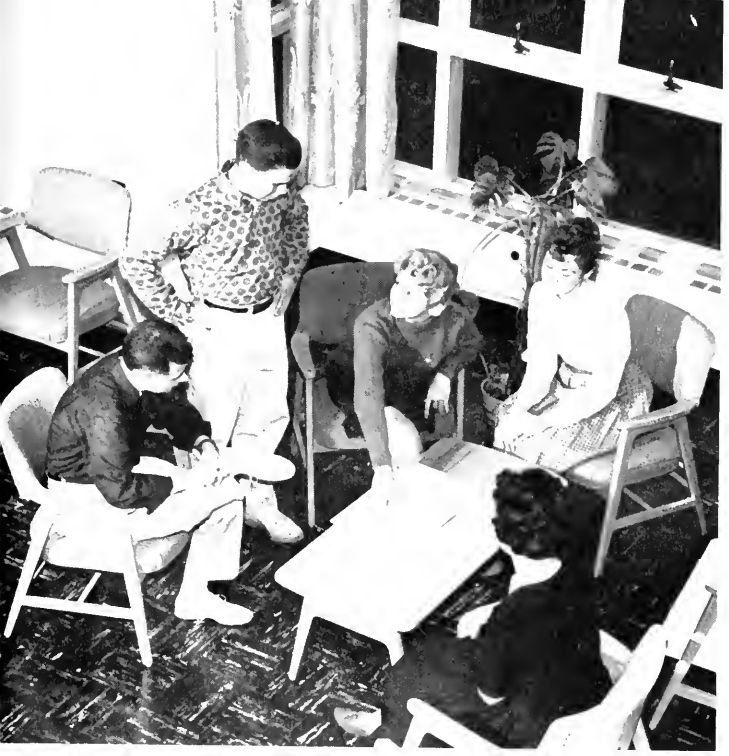
A study of the principles of sedimentation and stratigraphy including the application of fundamental concepts of physical geology and paleontology to stratigraphic problems. Field techniques are stressed.

Two hours lecture, two hours laboratory. Three credits.

202 Geological Dynamics

The study of the forces which act upon the interior and the crust of the earth and the structures which result from these forces. Structural features such as folds, faults, joints, and foliation are interpreted in light of these forces. Both laboratory experiments and field observations are emphasized.

Two hours lecture, two hours laboratory. Three credits.



A group of music students discusses a score.

Four all-weather tennis courts adjoin University Field.

Classrooms are modern and well-equipped.

Faculty-student ratio, about 1:13, provides small classes and good learning situations.

Biology classes use high-powered microscopes.

301-302 Rocks and Minerals

The basic concepts and principles of a genetic interpretation of rocks and minerals is discussed. These principles are employed as a basis for the description and classification of igneous and metamorphic rocks and minerals and other common mineral species. Emphasis is on the physical and chemical environment in which these are formed. Prerequisite: Inorganic chemistry.

Two hours lecture, two hours laboratory each semester. Six credits.

GEOGRAPHY

101-102 Physical Geography

A study of the surface of the earth and the forces and processes which form and alter it. Map reading and interpretation, climatology, and meteorology are a few of the subjects discussed. Stress is on the historical development of geographical concepts.

Three hours lecture each semester. Six credits.

GRAPHICS

Mr. Hindman

101 Engineering Graphics

Communication by graphic methods; geometric constructions, vector geometry, graphical calculus, nomography, and projection drawing. Not offered 1963-64.

Six hours. Two credits.

HISTORY AND POLITICAL SCIENCE

Dr. Russ
Dr. Mailloux
Dr. Power
Mr. Longaker
Mr. Gordon
Dr. Reuning

Students majoring in History must present at least 24 semester hours exclusive of 101, 102. These must include 6 hours of American History, and 6 hours of European History to be chosen from 311, 312, 313 and 314. Substitutions will be allowed only by permission of the department. Students desiring to teach in Pennsylvania must take 201, 202 in lieu of 211, 212. No student may take both of these courses.

A minor in History requires 18 semester hours exclusive of 101, 102. These must include 6 hours of American History and 6 hours of European History. Three hours of European History may be elected from 321, 324, and 412.

Students majoring in Political Science must present at least 24 semester hours. A minor in Political Science requires 18 semester hours.

HISTORY

101, 102 History of Civilization

A study of major civilizations with emphasis on their contributions to our own. Closed to juniors and seniors except by permission of the Dean.

Three hours each semester. Three credits each semster.

201, 202 History of the United States and Pennsylvania

A course in American history required by the State Council of Education for those who plan to teach in the public schools of Pennsylvania.

Three hours each semester. Three credits each semester.

211, 212 History of the United States

A narrative history which begins with the discovery of America and carries the story to the present.

Three hours each semester. Three credits each semester.

311, 312 The History of Europe 1500-1815

A survey of the history of Europe from the Renaissance to the defeat of Napoleon at Waterloo. The course will place stress on the history of the continental nations of Europe and cover such topics as the Renaissance, the Reformation, the Age of Louis XIV, the 18th Century, the French Revolution and Napoleon.

Three hours each semester. Three credits each semester.

313, 314 Europe 1815 to the Present

An analysis of the history of Europe from the fall of Napoleon to the end of World War II. The first part will deal with the period until 1914 while the second part will cover both World Wars and the intervening period.

Three hours each semester. Three credits each semester.

321 History of England

A political and social history of Great Britain from the Roman occupation to the present.

Three hours. Three credits.

323 Ancient History

A study of the social, economic, political and intellectual history of the Mediterranean world from earliest times to the decline of Rome.

Three hours. Three credits.

324 Medieval History

The social, political, economic, and ecclesiastical history of Western Europe from the decline of the Roman Empire to the end of the thirteenth century. Not offered 1963-64.

Three hours. Three credits.

325, 326 History of East Asia

An analysis of the major civilizations of East Asia, dealing with geographic settings, historical developments, society, government, philosophy and religion, from the prehistoric to the modern. Not offered 1963-64.

Three hours each semester. Three credits each semester.

361 Economic History of the United States

A study of the history of manufacturing, agriculture, transportation, communication, banking, internal commerce, and related topics within the United States. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

401 The American Frontier

A study of the influence of the West upon American history in accordance with the Turner theory. Prerequisite: 201, 202 or 211, 212.

Three hours. Three credits.

411 Imperial Russia

A general survey of Russian history from the Kievan Period to the establishment of the Soviet Government. Open to juniors and seniors. Not offered 1963-64.

Three hours. Three credits.

412 History of the Soviet Union

A study of the internal political development, economic growth, scientific development and foreign relations of the Soviet Union. Open to juniors and seniors. Prerequisite: 411, or permission of the instructor.

Three hours. Three credits.

421-422 Diplomatic History of the United States

A study of the foreign relations of the U.S. from the American Revolution to the present time. The first part will cover the period to 1914 while the second part will be a discussion of events from 1914 to the present day. Limited to juniors and seniors. Not offered 1963-64.

Three hours each semester. Three credits each semester.

POLITICAL SCIENCE

201-202 American Government

A study of the national government during the first semester; state and local government during the second semester.

Three hours each semester. Six credits.

301 International Relations

A study of the relations of nations: power, diplomacy, propaganda and political warfare, imperialism, war, balance of power, international law and organization, foreign policy. Not open to freshmen.

Three hours. Three credits.

303 American Political Parties

A discussion of the theory, structure, and function of the American party system. Prerequisite: 201-202.

Three hours. Three credits.

325-326 American Constitutional Law

A study of the major decisions of the Supreme Court and an analysis of the judicial function. Prerequisite: 201-202, or permission of the instructor. Not offered 1963-64.

Three hours each semester. Six credits.

413-414 Comparative Government: Theory and Practice

A survey of the structure of major governments during the first semester; an analysis of fascism, communism, and liberalism during the second semester. Open to juniors and seniors. Not offered 1963-64.

Three hours each semester. Six credits.

451-452 Political Theory

An analysis of classics of political theory from the ancient, medieval and modern periods. Open to juniors and seniors.
Three hours each semester. Six credits.

500 Congress and the American Political Tradition

A study of the role of Congress within the American political system including an analysis of classical works about Congress and current behavioral studies. Prerequisite: 201-202.
Three hours. Three credits.

MATHEMATICS

DR. ROBISON
MR. HINDMAN
MR. READE

101, 102, 201, 211-212 and six additional hours are required for a major. 101, 102, 201, and 211-212 are required for a minor.

101 College Algebra

An introduction to the study of elementary algebraic functions, the solution of equations, progressions, permutation combinations, probabilities and determinants.
Three hours. Three credits.

102 Trigonometry

The study of the trigonometric functions and logarithms with application to triangles.
Three hours. Three credits.

201 Analytic Geometry

A study is made of systems of coordinates and the relation between equations and loci. Prerequisites: 101, 102, or their equivalents.
Five hours. Four credits.

211-212 Calculus

The concepts and fundamental formulae of differentiation and integration are studied and applied to problems involving maxima and minima, lengths, areas and volumes. Prerequisite: 201.
Five hours each semester. Eight credits.

216 Computers and Computer Programming

A mathematical discussion of modern, high speed computers; particular emphasis is placed on the theory and practice of communication with these computers. Prerequisite: 101 or its equivalent.

Three hours. Three credits.

301 Introduction to the Theory of Algebraic Equations

Complex numbers, numerical equations, solution of cubic and quartic equations, system of linear equations, and determinants are studied. Prerequisite: 101 or its equivalent.

Three hours. Three credits.

302 Mathematical Statistics

An introduction to the theory of statistics; probability; frequency functions, moment generating functions, the estimation of parameters, and the testing of hypotheses. Prerequisite: 211-212.

Three hours. Three credits.

311 Differential Equations

A study of the formation and geometrical meaning of differential equations and the standard methods of solution. Prerequisites: 201, 211-212.

Three hours. Three credits.

325 History of Mathematics

A survey of the evolution of mathematical thought; special attention is paid to crises in mathematics and to outstanding problems, both solved and unsolved. Prerequisite: 211-212.

Three hours. Three credits.

332 Mathematical Logic

An introduction to the propositional and predicate calculi, the logical foundations for deductive studies in general and mathematics in particular.

Three hours. Three credits.

401-402 Advanced Calculus

A study of the theoretical aspects of calculus, with particular emphasis on infinite processes and the concepts of limit and continuity. Prerequisites: 201, 211-212.

Three hours each semester. Six credits.

403 Partial Differential Equations

A study of the formation and solution of partial differential equations of the first and second order. Prerequisite: 311.
Three hours. Three credits.

404 Projective Geometry

This course is a synthetic treatment of the elements of projective geometry. Prerequisites: 201, 211-212.
Three hours. Three credits.

405 Vector Analysis

A first course in vector analysis with application to geometry and physics. Prerequisites: 201, 211-212.
Three hours. Three credits.

421 Modern Algebra

Algebra is considered from the modern mathematical point of view. Various basic systems, such as groups, fields, and rings, are derived, interpreted, and applied.
Three hours. Three credits.

MODERN LANGUAGES

Dr. Gilbert
Dr. Arnold
Miss Kegler*
Dr. Gajic
Mr. Re
Mr. Mowry
Mrs. Heim

A major in French, German, or Spanish must take 24 hours beyond 101-102. A minor in French, German, or Spanish must take 18 hours beyond 101-102. A student planning to teach must include 405-406. 201-202 or the equivalent is the prerequisite for any advanced course in any foreign language.

In elementary and intermediate courses credit for the first semester will be given only after satisfactory completion of the second semester. With the permission of the instructor the student may receive credit for either semester in the advanced hyphenated courses.

*On leave of absence 1962-63.

Students choosing a French, German, or Spanish major are urged to elect a minor in another foreign language. It is also recommended that they take courses in history, art, philosophy, and in other literatures.

FRENCH

101-102 Elementary French

A course in pronunciation, in the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple French.

Four hours each semester. Six credits.

201-202 Intermediate French

A careful review of grammar. Practice in speaking and writing French with emphasis on the reading of short stories and plays Prerequisite: 101-102.

Three hours each semester. Six credits.

301, 302 French Literature of the 17th Century

A study of the origin and development of French classicism. The first part is devoted to readings in prose and poetry. The second part is a study of comedy and tragedy. Not offered 1963-64.

Three hours each semester. Three credits each semester.

401, 402 French Literature of the 19th Century

A study of Romanticism, Realism, Naturalism, Impressionism, and all the literary movements of the 19th century with readings of important writers of the period.

Three hours each semester. Three credits each semester.

405-406 French Composition and Conversation

A course to enable the student to write and speak French as fluently as possible. Practice in pronunciation and drill in the use of common idioms and current grammatical usage.

Three hours each semester. Six credits.

411-412 French Literature of the 20th Century

An introduction to the dramatists, novelists, and poets of the first half of this century. Not offered 1963-64.

Three hours each semester. Six credits.

GERMAN

101-102 Elementary German

A course in the minimum essentials of grammar to make possible a good reading knowledge of the language, including practice in simple conversation. Reading of simple stories with attention to their folklore, history, and characteristic atmosphere.
Four hours each semester. Six credits.

201-202 Intermediate German

Modern Novellen, poetry, and other works of medium difficulty will be read. Every effort will be made to increase the student's active vocabulary by means of composition and conversation. The reading of works outside the classroom aids in increasing the understanding of printed German. Prerequisite: 101-102.
Three hours each semester. Six credits.

301, 302 German Drama of the 19th Century

Emphasis will be placed upon romanticism, realism, and naturalism, the characteristic literary attitudes of the period. The drama will be interpreted also as the outgrowth of the personality of such writers as Kleist, Grillparzer, Hebbel, Wagner and Hauptmann. Alternates with 311, 312.
Three hours each semester. Three credits each semester.

311, 312 The German Novelle of the 19th Century

The development of this form will be traced by the reading of important Novellen of each literary trend of the 19th century. Alternates with 301, 302, Not offered 1963-64.
Three hours each semester. Three credits each semester.

401, 402 German Literature of the 18th Century

Representative works of the period will be read to reveal the personality of such writers as Lessing, Goethe and Schiller, and to show the development of sentimentalism, storm and stress, classicism and romanticism. Alternates with 405-406.
Three hours each semester. Three credits each semester.

405-406 German Composition and Conversation

A course to give the student an excellent working knowledge of German grammar and to increase his ability to use the spoken and the written word. The work will be based largely on texts dealing with the common idiom and with German life, history and art. Alternates with 401, 402. Not offered 1963-64.
Three hours each semester. Six credits.

RUSSIAN

101-102 Elementary Russian

A course in pronunciation and the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple Russian.

Four hours each semester. Six credits.

201-202 Intermediate Russian

Further study of grammar and additional practice in reading and conversation, with emphasis on vocabulary building. Every effort will be made to increase the student's ability to read, speak, and understand Russian.

Three hours each semester. Six credits.

SPANISH

101-102 Elementary Spanish

A course in pronunciation, grammar, reading, writing and speaking simple Spanish. Some time is devoted to the introduction to Spanish civilization and culture.

Four hours each semester. Six credits.

201-202 Intermediate Spanish

A course in grammar, conversation and reading of Spanish and Spanish-American prose. Prerequisite: 101-102.

Three hours each semester. Six credits.

301-302 Spanish Theater of the 19th and 20th Centuries

Study of dramatic works from the neoclassicists to the present. Action, themes, characters, and staging of each work will be analyzed in relation to the spirit of the epoch or movement they represent.

Three hours each semester. Six credits.

305, 306 Spanish Golden Age Literature: Cervantes and the Drama

Study of the chief Spanish dramatists with readings of representative plays of this period. The life and thought of Cervantes with special emphasis on his *Quijote*.

Three hours each semester. Three credits each semester.

401-402 Spanish Prose and Poetry after 1850

A critical study of literary movements since 1850 with emphasis on the Generation of 1898 and "Modernismo." Collateral reading, reports, and discussion. Not offered 1963-64.

Three hours each semester. Six credits.

403-404 Great Figures of Spanish-American Literature

Lectures, readings, and discussion of the works of Sor Juana Inés de la Cruz, Juan Ruiz de Alarcón, Garcilaso de la Vega, Bello, Heredia, Sarmiento, Martí, Darío, and others. Not offered 1963-64.
Three hours each semester. Six credits.

405-406 Spanish Composition and Conversation

Intensive study of grammar. Oral and written themes, letters, class conversation and ear-training are stressed. Not offered 1963-64.
Three hours each semester. Six credits.

MUSIC

MR. BILLMAN
MR. HATZ
MRS. HATZ
MISS POTTEIGER
MR. MAGNUS
MRS. ALTERMAN
MR. STEFFY
DR. STOLTIE
MR. DEIBLER
MR. MOYER

Courses of study for Music students are listed on pages 63 and 66.

Students desiring a minor in Music must take 111-112, 211-212, 311; 321 or 322, plus 3 hours of general music, 2 years of private lessions, and participate in a minimum of one musical organization for each of two years.

101 Introduction to Music

Aims to increase one's listening pleasure. Develops an appreciation and understanding of music through a glimpse at underlying elements essential to the art of music, considering factors of style and historical setting which identify the masterpiece, and individuality which stamps the work as original. Not open to Music majors.
Three hours. Three credits.

103-104 Introduction to Music Literature

This course provides a general introduction to concepts of style, structure, and historical significance, with the musical experience always serving as the focal point of all study.
Three hours each semester. Six credits.

111-112 Theory I

A study of diatonic harmony and simple modulation to include all diatonic triads and seventh chords. Emphasis on analysis and keyboard application. Rhythmic, melodic, intervallic and harmonic dictation. Sight singing.

Five hours each semester. Six credits.

121 Eurythmics

Enrichment of students' musical experience by stimulating bodily responses. Interpretation of meter, rhythm and phrasing.

Two hours. One credit.

201-202 History and Music Literature

The significance and far-reaching importance of contributions, the general style of each period, and individual styles of composers evaluated in the perspective of history. Masterpieces of our musical heritage heard and related to the background discussion. Prerequisite: 101 or 103-104.

Three hours each semester. Six credits.

211-212 Theory II

The more important chromatic devices employed by the 18th and 19th century composers. Chromatic modulation. Analysis of standard works. Advanced dictation and sight singing. A continuation of keyboard harmony to include improvisation of left hand accompaniment patterns to a given melody, modulation and transposition. Prerequisite: 111-112.

Five hours each semester. Six credits.

204 Methods (Elementary Vocal)

A study of the music materials and classroom procedures suitable for the elementary schools.

Three hours. Three credits.

301 Methods (Secondary Vocal)

A study of general music courses, classification of voices, the changing voice, and assembly in junior and senior high schools.

Three hours. Three credits.

302 Methods (Instrumental)

A study of the methods, materials and problems involved in the instruction of instrumental music in the elementary, junior and senior high school.

Two hours. Two credits.

311-312 Theory III

The structural organization of music is examined in detail, with analysis of small and large forms drawn from standard literature of the 18th-20th centuries. Prerequiste: 211-212.

Two hours first semester, three hours second semester. Five credits.

321 Choral Conducting

This course emphasizes rehearsal techniques for accompanied and *a cappella* vocal ensembles. The music of various styles and periods is studied, and vocal problems encountered in the development of choral groups are discussed.

Three hours. Three credits.

322 Instrumental Conducting

Techniques and materials of conducting instrumental organizations are considered. Development of baton technique, score reading, orchestral playing, psychology of rehearsing ensembles of varied size and personnel, and literature adapted to public school work are emphasized.

Three hours. Three credits.

400 Student Teaching

See Education 400

Six hours. Six credits.

411-412 Counterpoint

A study of 18th century contrapuntal techniques to include species counterpoint, canon, invertible counterpoint, two- and three-part inventions and fugue writing. Analysis of standard 18th century contrapuntal literature. Prerequisites: 111-112, 211-212.

Three hours each semester. Six credits.

421 Church Music

A survey course to meet the needs of those desiring to enter the field of church music. Emphasis will be placed on the historical development of the liturgy and its music, as well as on the application of liturgical principles to various types of worship services.

Two hours. Two credits.

431 Marching Band Charting and Pageantry

A course arranged to give the student a background in creating and preparing drills and football half-time shows. Both the musical literature available for the marching band and the charting of drills for the marching band will be emphasized. Alternates with 434. Not offered 1963-64.

Two hours. Two credits.

432 Orchestration

A technical course dealing in the effects and resources of intrumental combinations, balance of tone, mixed tone color, and clarity of texture for the orchestra and band. Special attention is given to the techniques of scoring for small ensembles, performers of varied abilities, and organizations of irregular instrumentation.

Three hours. Three credits.

434 Care and Repair of Instruments

Proper precautions in the care of all brass, string, and woodwind instruments are emphasized. This course enables the instrumentalist to diagnose quickly any mechanical defects and make on-the-spot adjustments and repairs. Alternates with 431.

One hour. One credit.

441, 442 Ensemble

Chamber music from the vast field of literature will be studied and performed. Recordings are made of the individual groups.

One hour each semester. Two credits.

500 Literature Seminar

This is an informal course for majors in Applied Music, to be arranged by the staff to include a comprehensive survey of the important literature in the major field.

Two hours. Two credits.

Music Workshop

The music workshop expands the student's musical horizon, and attendance of all Music students is required at the monthly meeting. Basic opportunities to perform in informal and masterclass situations help students to evaluate themselves objectively and to profit by constructive criticism. Faculty readings of basic works in the training of every musician are included. Musical events to which attendance is encouraged are previewed by informative talks. Films, clinics, demonstrations, panel discussions, talks by music consultants, and progress by visiting artists and organizations are presented by the Division of Music and occasionally sponsored by the Susquehanna student chapter of the Pennsylvania Music Educators Association. All recitals, supplementary programs and projects of the Division are considered activities of the music workshop.

APPLIED MUSIC

PRIVATE LESSONS

Candidates for the degree of Bachelor of Science in Music Education concentrate in one area of performance. One lesson weekly for one credit per semester is required for four years. (Lessons outside field of concentration are required in voice and piano and terminated only by examination demonstrating satisfactory minimal skills for classroom teaching. These and any other lessons are taken for grade but not credit).

Candidates for the degree of Bachelor of Arts with a major in Applied Music — two lessons weekly for two credits per semester for four years.

Candidates for the degree of Bachelor of Arts with a minor in Music — one lesson weekly for one credit per semester required for two years.

Piano

Acquisition of a sound technique is emphasized with the study of standard literature to fit the needs of the individual student.

Voice

The student is taught how to sing freely and musically. Breath control and resonance as well as range, quality and clear diction are developed through exercises and selected vocal literature.

Organ

Fundamental manual and pedal techniques will be emphasized. Organ literature of the baroque, romantic, modern French. German and American repertoire is selected. Registration by permission of the instructor.

Violin

The development of tone production in its relation to both left-hand and right-hand technique will be a basic part of the instruction. Pure and applied technique will be analyzed to determine the various methods of acquiring technical skill in building a well rounded repertoire.

Band and Orchestral Instruments

Development of good tonal quality, technical facility, and interpretation of the solo literature available for the particular instruments is stressed.

INSTRUMENTAL CLASSES

Instrumental classes are required for the degree of Bachelor of Science in Music Education. A basic knowledge of playing and teaching the instruments is emphasized to meet the needs for teaching in the public schools. Modern ensemble methods and materials are practiced in relation to procedures and problems of group instruction. One credit per semester as listed.

First Semester	*Second Semester*
Trumpet Class	Brass Class
Violin Class I	Violin Class II
String Class	Clarinet Class
Woodwind Class	Percussion Class

BAND, CHOIR, and ORCHESTRA

Music students are required to participate in a minimum of one organization for each of the four years.

PHILOSOPHY

See Religion and Philosophy

PHYSICAL EDUCATION AND HEALTH

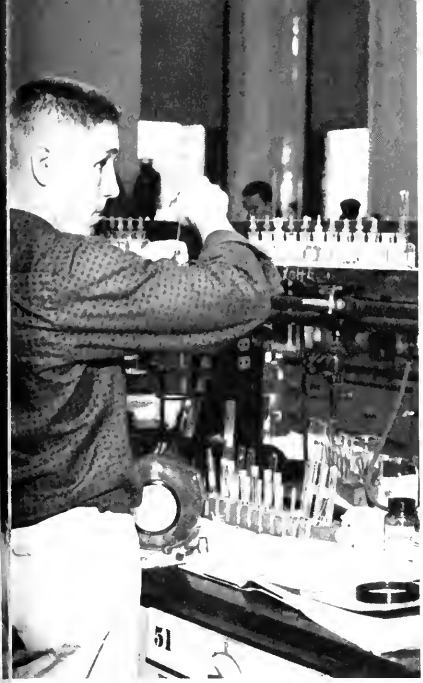
Miss McDowell
Miss Reed
Mr. Garrett
Mr. Windish
Mr. Sekanovich

COURSES FOR MEN

101M **Personal Hygiene**

This course presents a wide range of materials concerning healthful living.

Two hours. Two credits.

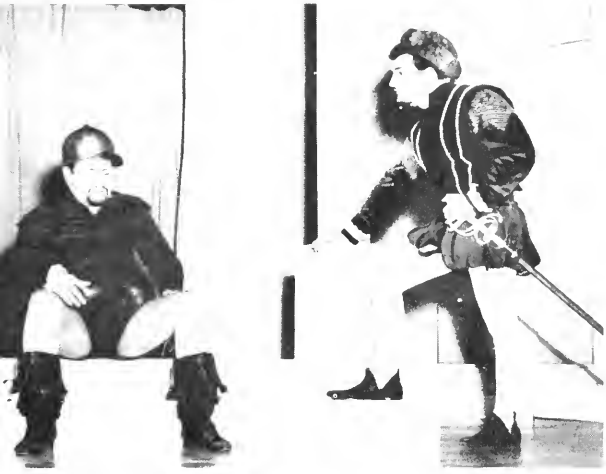


Chemistry treats the composition of substances and the transformations they undergo.

Business students have regular practice on up-to-date office machines.

The Library's Periodical Room is a good place to keep up with current developments.

A Summer Session class in sociology finds relief from the heat aboard a houseboat on the Susquehanna River.



The Players perform in the annual Shakespearean Festival and the Choir and Band appear regularly on television.

111M, 112M Physical Education

The activities include calisthenics, football, touch football, golf, informal gymnastics, basketball, volleyball, indoor baseball, softball, track, baseball, tennis, and hiking.

Two hours each semester. One credit each semester.

121M, 122M Physical Education — Restricted Activities

These courses are planned in consultation with the student's physician to meet the needs of individuals who are unable to pursue the regular courses.

Two hours each semester. One credit each semester.

211M, 212M Physical Education

The plan and nature of the work is similar to 111M, 112M.

Two hours each semester. One credit each semester.

COURSES FOR WOMEN

103W Personal Hygiene

This course presents a wide range of scientific and educational knowledge pertinent to healthful living. Information is presented through lectures, guided discussions, surveys and group health projects.

Two hours. Two credits.

115W, 116W Physical Education

A basic course in the beginning techniques of individual and team sports. Beginning tennis, field hockey, volleyball, folk and square dancing, basketball, golf, soccer, badminton, and softball are offered.

Two hours each semester. One credit each semester.

122 Folk Dancing

Purpose of this course is to develop, through dancing the dances of different peoples and nations, a keener artistic and humanistic appreciation of their physical and emotional expression with a knowledge and understanding of their music. It also provides a teaching background in well-known and typical folk dances.

Two hours. One credit.

201W, 202W Physical Education

A course designed in progression from beginning skills and techniques to the intermediate level with emphasis on individual and team sports. Intermediate tennis, volleyball, badminton, modern dance, basketball, archery, golf, softball, field hockey, soccer, and badminton are offered.

Two hours each semester. One credit each semester.

PHYSICS

Mr. Grosse
Mr. Herb

A student majoring in Physics must take 24 hours in Physics including Physics 101-102, 202, 301-302 and 401. It is strongly recommended that the student also satisfy the requirements for a major in Mathematics.

101-102 General Physics

Mechanics, heat, and sound – motion, work and energy, the nature of heat, and the production and propagation of sound. The second part is a study of magnetism, electrostatics, direct current circuits, electrical measurements, elementary alternating currents, the nature and physical properties of light. Prerequisite: Mathematics 101 and 102 or four years of high school Mathematics.

Three hours recitation, three hours laboratory each semester. Eight credits.

201 Optics

The wave theory of light developed on the basis of Huygens' principle. Interference. Fresnel and Fraunhofer diffraction. The diffraction grating. Polarized light and double refraction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

202 Electricity and Magnetism

Electrical units. Direct current circuit analysis. Electrical measurements. Magnetism and magnetic measurements. Electromagnetism and an introduction to electromagnetic induction. Prerequisites: 101-102, Mathematics 211 preceding and Mathematics 212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

203 Thermodynamics

A discussion of the present ideas of temperature, heat, internal energy and thermodynamic work. The first and second laws of thermodynamism are introduced and applied to various systems. Ideal gases are studied in detail. Prerequisites: 101-102, Mathematics 211-212.

Three hours. Three credits.

301-302 Modern Physics

The first semester will cover electrical particles, atomic physics, spectra, X-rays, and related topics. The second semester is a study of radioactivity, nuclear physics, and related topics. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours each semester. Eight credits.

303 Alternating Currents and Electronics

Alternating currents, circuit elements in the A.C. circuit, the vacuum tube and its parameters and applications. Prerequisites: 202 and Mathematics 212.

Three hours recitation, three hours laboratory. Four credits.

401 Mechanics

Motion of particles with an introduction to the motion of extended bodies. Discussion and application of the concepts of force, energy and momentum. Vectors and vector algebra are used throughout the course. Prerequisites: 101-102, Mathematics 211 preceding, Mathematics 212 in parallel.

Four hours. Four credits.

501-502 Seminar

Indepedent study to develop the student's particular area of interest. Prerequisites: 202, 301-302, 401.

One to three credits.

PSYCHOLOGY

DR. LYLE
MR. BOSSART*
MR. PIRIE
DR. BUTLER

A major in Psychology consists of 24 hours. A minor consists of 18 hours. 201 is prerequisite for all other Psychology courses.

*On sabbatical leave 1962-63.

The Psychology Department offers two majors, the general major and the pre-professional major. The general major is designed to meet objectives of a liberal education and the student may select any appropriate program of courses. The pre-professional major is arranged for students who ultimately plan to attend graduate school and to enter the field professionally. Pre-professional majors must select 203, 306, 308, 401 or 402, 405, 406 and 408. Supporting courses in the sciences (especially zoology), sociology and mathematics are recommended.

201 General Psychology

An introductory course designed to develop a scientific attitude toward psychological problems. The course will survey the topics of motivation, personality development, emotions, sensations, perception, learning, memory, thinking, communication, and personal adjustment. This course is prerequisite for all other courses in psychology.

Three hours. Three credits.

203 Elementary Statistics

A beginning course in the methods of analyzing, interpreting and presenting quantitative data. The course includes the study of the measures of central tendency, measures of variability, normal probability curve, product-moment and rank-order correlation, critical ratio and the "t" test of significant differences. Since this course is a prerequisite to some advanced psychology courses, students should elect this course as soon as possible.

Two hours recitation, two hours laboratory. Three credits.

211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: 201.

Three hours. Three credits.

222 Personnel Management

See Business Administration 222.

Three hours. Three credits.

306 Abnormal Psychology

This course is a survey of the principal forms of mental and emotional disorders with emphasis upon their causes, symptoms, and course of treatment. It offers a way to study normal behavior by studying such behavior in distortion or in exaggeration.

Three hours. Three credits.

308 Tests and Measurements

Techniques of test construction, validation, reliability, item analysis, administration, scoring and interpretation of some of the standardized tests for educational, vocational, and personal diagnosis and prediction of human behavior. The course also considers the construction of essay and objective examinations. Prerequsite: 203. Alternates with 406.

Two hours recitation, two hours laboratory. Three credits.

401 Child Development

A study of the development of the child from infancy through the early teens. Motor, intellectual, emotional and social development will be considered, with special attention to the guidance of the child at home and at school.

Three hours. Three credits.

402 Psychology of Adolescence

A study of the physical, intellectual, emotional, and social development of the individual during the adolescent stage. Applications to problems of secondary education, home guidance, and recreation will be stressed.

Three hours. Three credits.

404 Introduction to Counseling

A course designed to give the student an understanding of counseling theories, problems of educational, vocational and personal guidance and the counselor's use of tests and measurements. Open only to juniors and seniors. Alternates with 408.

Three hours. Three credits.

405 Social Psychology

See Sociology 405

Three hours. Three credits.

406 Experimental Psychology

An introduction to the methods and theory of psychological research. The logic of science and research technique is offered so that the student may design and conduct some standard and original experiments in the laboratory. Prerequisite: 203. Alternates with 308.

Two hours recitation, two hours laboratory. Three credits.

408 Psychological Theories

A systematic survey, evaluation and comparison of contemporary theories of human behavior. Reinforcement, field, psychoanalytic, factor, organismic, constitutional and other theories are considered. Open only to juniors and seniors. Alternates with 404.

Three hours. Three credits.

500 Senior Projects in Psychology

Individual study of a specific project in psychology selected by the student in consultation with and under the supervision of his major adviser. Open only to the qualified senior with the consent of his major adviser.

May be taken for two or three credits.

RELIGION AND PHILOSOPHY

DR. LOTZ
DR. REIMHERR
DR. SLATER
MR. LEITZEL

RELIGION

101 Old Testament

A survey of the history, literature and religion of the Hebrews. Special emphasis is placed upon the literary content of the Old Testament.

Two hours. Two credits.

102 New Testament

This course lays stress on the origin of the New Testament writings. Emphasis is placed upon their religious values in light of their historical setting.

Two hours. Two credits.

201 Christian Faith

A study of the relation between God and man in the light of Christian faith. An attempt is made to show the philosophical implications of Christian doctrine.

Two hours. Two credits.

202 Christian Ethics

This course begins with a study of historical ethical systems which are compared with the Christian faith. In the second part of the course the Christian characteristics of living are given special emphasis. Prerequisite: 201.

Two hours. Two credits.

301 The Apostolic Period

This course depicts the rise of Christianity in the first and second centuries within the historic structure of the Graeco-Roman world. Special emphasis is placed on the relevant New Testament writings as well as the Apostolic Fathers.

Three hours. Three credits.

302 The Teachings of Jesus

In the search for the solution of modern problems, the attention of the student is directed to the teachings of Jesus. Special emphasis is placed upon the situation in Palestine in the first century as an aid in understanding these teachings.

Three hours. Three credits.

PHILOSOPHY

For a major in Philosophy the student must take 24 hours including 101. For a minor in Philosophy the student must take 18 hours including 101.

101 Introduction to Philosophy

This course offers an introduction to various fields of philosophy. Special emphasis is placed upon the philosophical alternative in the contemporary world.

Three hours. Three credits.

201 Logic and The Scientific Method

This course presents the guiding principles of correct thinking, the nature of the deductive and inductive processes as well as the bases of the scientific method.

Three hours. Three credits.

301 Ancient Philosophy

This course treats the beginnings of Western philosophy. It extends from Thales to Plotinus. Original sources are used throughout.

Three hours. Three credits.

302 Medieval Philosophy

This course covers the period from Augustine to William of Occam. Along with readings of original sources, the aim is to understand the medieval synthesis.

Three hours. Three credits.

303 Modern Philosophy

This course treats the development of philosophical thought from Descartes to Kant. Special emphasis is placed upon problems of epistemology.

Three hours. Three credits.

304 Contemporary Philosophy

This course begins with a study of the Hegelian philosophy and is carried down to contemporary times. The various movements of present day philosophy are analyzed in detail.

Three hours. Three credits.

402 American Philosophy

This course aims to trace the development of American philosophical thought from the colonial period to the present. Emphasis will be placed upon the manner in which philosophy reflects the various trends in American life and thought.

Three hours. Three credits.

403 The Philosophy of Religion

This course offers a philosophical inquiry into religious problems such as the nature of God, the meaning of faith, and problems of religious epistemology.

Three hours. Three credits.

500 Departmental Seminar

Qualified students are given the opportunity to study a specific topic in the field of philosophy in consultation with the department. Seminar discussion of research results will be included.

Three hours. Three credits.

SOCIOLOGY AND ANTHROPOLOGY

MR. STEVENS
DR. OFSLAGER

Requirements for departmental major: 24 semester hours, exclusive of 201 which is the prerequisite for all courses in Sociology except Anthropology. Sociology 203, 205, 311, and 410 are required

of all majors. Supporting courses to be elected with advice of major adviser.

Requirements for departmental minor: 18 semester hours, exclusive of 201 which is the prerequisite for all courses except those in Anthropology. Sociology 203 recommended.

201 Principles of Sociology

Methods and approaches of scientific analysis applied to contemporary cultures and societies; socialization, individual and group interaction, and the major social institutions; social organization; social change, and collective behavior. Open to freshmen and sophomores only.
Three hours. Three credits.

203 Elementary Statistics

See Psychology 203
Two hours lecture, two hours laboratory. Three credits.

205 General Anthropology

Mankind's physical and cultural origins and development are studied, tracing human evolution by employing the evidences of comparative anatomy and paleontology; the methods and results of evolution are examined. The latter part of the course is devoted to the development of culture from the stone-age beginnings to the invention of writing, emphasizing the institutions of man and the influences of the social, cultural and biological factors on behavior. Not open to juniors and seniors.
Three hours. Three credits.

301 The City

A study of urbanism, the community and planning; the growth and location of urban populations, the interdependence of city and hinterland, the ecology of the city, the rural-urban contrasts in institutions, behavior and belief, and the analysis of urban communities, characteristics and functions; community planning and urban redevelopment conclude the course. Prerequisite: 201.
Three hours. Three credits.

302 Industrial Sociology

The development of modern industry as a problem of social relationships; formal and informal industrial organizations; social classes and the industrial order; social controls of industry. Prerequisite: 201.
Three hours. Three credits.

303 Criminology

The nature and significance of crime; statistics of crime and criminals, historical development of criminological theory, modern explanations of crime, criminal laws and courts, police and prisons, crime prevention. Prerequisite: 201.

Three hours. Three credits.

304 Marriage and The Family

Study of the structure and function of the family with emphasis on the contemporary American family; courtship, factors in successful marriage, changing status of the family group, family disorganization, modern theories of marriage with special emphasis on the Christian ideal of marriage. Prerequisites: 201, 205, or permission of the instructor. Open to juniors and seniors only.

Three hours. Three credits.

310 Comparative Cultural Anthropology

The nature and dimensions of culture are examined through a comparison of selected non-literate societies, current and in the past; a cross-cultural study of the technology, trade, social class, beliefs and practices of the supernatural, and aesthetics in primitive societies. An aim is to consider the implications of such cultural diversity to the understanding of societal life in general. Prerequisites: 201, 205.

Three hours. Three credits.

311 Social Theory

The main works of the major writers who have contributed to the development of social theory are reviewed, with an intensive study of specific writings of key theorists. Emphasis is also placed on the use of theory in empirical research. Required of all departmental majors, and strongly suggested for students planning graduate work in the social sciences. Prerequisite: 201.

Three hours. Three credits.

403 Minorities

The position of races and minorities in the United States; pattern of race relations, institutional and community aspects of race and minority relations, the effect of minority status on personality development. Prerequisite: 201.

Three hours. Three credits.

404 Introduction to Social Work

An introductory course covering the scope and function of the various fields of social work. The work of the classroom is supplemented by special lectures and seminars by officials of the various social agencies. Prerequisites: 201; Psychology 201.

Three hours. Three credits.

405 Social Psychology

A study of the interaction of individuals in their several group relations, the contacts of harmony, and conflict within groups as well as between groups, group leadership and group controls, the phenomena of imitation and suggestion. Prerequisites: 201; Psychology 201.

Three hours. Three credits.

406 Culture and Personality

Culture as a socialization factor of personality. The study of the emotional aspects of human relations, the contributions of Freud, Horney, Fromm, Sullivan, Murray, Lewin, and others. Open to juniors and seniors. Prerequisite: 405.

Three hours. Three credits.

408 The American Indian

A comprehensive study of representative Indian cultures of North and South America. Emphasis will be on similarities and differences of various cultures, on the effects of environment and diffusion on the development of the institutions. The concept of ethnozoology as applied to the cultures will be examined. Prerequisite: 205.

Three hours. Three credits.

409 American Social and Cultural Heritage

Deals with American social and cultural heritage as a product of American life conditions. Concentration on the heterogeniety of the population, the peculiar American developments in the major social institutions, and the changing ideologies associated with them and American folkways, mores, beliefs and attitudes.

Three hours. Three credits.

410 Research Design

The systematic procedures of observation and measurement used by sociologists to obtain data about human groups and institutions. The nature and use of hypotheses, theories and laws within the general principles of research design; the techniques of observation, sampling, interviewing, data processing and analysis will be studied through research projects. Not a course in statistical methods. Permission of instructor required.

Three hours. Three credits.

411 Social Stratification

The nature and function of stratification in society: institutionalized social roles, status and prestige evaluated through the criteria of politics, religion, occupation, wealth and lineage. Social vertical mobility, theories of class origin, and the impact of class on personality. Prerequisite: 201, 205, 311, or permission of the instructor.

Three hours. Three credits.

500 Individual Study

Individual work for qualified students (approximately 3.00 average); supervised readings and writing in advanced fields of sociological study, such as: social theory, social organization, social institutions, anthropology. Prerequisites: 201, 205, and permission of instructor.

Three hours. Three credits.

15:

Directories for 1962-63

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Term Expires 1966

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Erle I. Shobert, II, B.A., M.A., Sc.D., (*Alumni Nominee*)	St. Marys, Pa.

Term Expires 1967

The Rev. Lester J. Karschner, B.A., S.T.M., (*Synod Electee*)	Abbottstown, Pa.
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Joseph Lincoln Ray	Sunbury, Pa.
Preston H. Smith, B.S.	Williamsport, Pa.
Clyde R. Spitzner, B.S., M.Ed.	Gladwyne, Pa.

THE FACULTY EMERITI

Augustus William Ahl — *Professor Emeritus of Greek*

Diploma 1908, Gymnasium and Seminary, Breklum, Germany; M.A. 1912, Susquehanna University; Ph.D. 1920, Vanderbilt University.

Alice Holmen Giauque — *Associate Professor Emeritus of Music*

B.S. 1937, M.A. 1940, Columbia University.

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BERNICE SHUKER	*Manager of Campus Book store*

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* Member of Administrative Cabinet.

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GUSTAVE W. WEBER — *President*
B.A. 1928, D.D. 1961, Wagner College; B.D. 1932, S.T.M. 1933, Lutheran Theological Seminary, Philadelphia; Th.D. 1937, Episcopal Divinity School, Philadelphia.

WILHELM REUNING — *Dean and Professor of History*
B.S. 1948, M.S. 1948, Ph.D. 1956, University of Pennsylvania.

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WILLIAM ADAM RUSS, JR. — *Professor of History*
B.A. 1924, Ohio Wesleyan University; M.A. 1926, University of Cincinnati; Ph.D. 1933, University of Chicago.

RUSSELL WIEDER GILBERT — *Professor of German*
B.A. 1927, Muhlenberg College; M.A. 1929, Ph.D. 1943, University of Pennsylvania.

GEORGE MERRITT ROBISON — *Professor of Mathematics*
B.A. 1916, M.A. 1917, Ph.D. 1919, Cornell University.

JOHN JACOB HOUTZ — *Professor of Chemistry*
B.A. 1908, Susquehanna University; M.S. 1912, Louisiana State University; Sc.D. 1933, Carthage College.

THOMAS F. ARMSTRONG, JR. — *Professor of Business Administration*
B.S. 1928, Wesleyan University; M.B.A. 1930, Harvard University; Ed.D. 1947, Temple University.

JANE FOX BARLOW — *Professor of Classical Languages*
B.A. 1947, Smith College; M.A. 1949, Ph.D. 1952, Johns Hopkins University.

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* On sabbatical leave 1962-63, rank effective upon return.

** On leave of absence 1962-63, rank effective upon return.

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Brosius, Arthur, II Avondale, Pa.
Brown, Donna Louise Whiteville, N. C.
Brown, Frederick David Haddon Heights, N. J.
Buck, Darlene Ann Hershey, Pa.
Buriak, Roger Lee Sunbury, Pa.
Burns, Betty Lou Thompsontown, Pa.
Campbell, Annette E. Massapequa Park, N. Y.
Canfield, Dorothy Lee Bloomfield, N. J.
Chapman, Susan Lancaster, Pa.
Colombet, Antony Willard Sunbury, Pa.
Conrad, Margaret Jane Glenolden, Pa.
Cooper, Lawrence Robert DuBois, Pa.
Craft, John Wilfred Towanda, Pa.

Cronlund, Kara May Gettysburg, Pa.
Curley, Maureen Verona, N. J.
Curtis, Thomas H. L. Bergenfield, N. J.
Davis, Carole P. Marlton, N. J.
Day, Donna Dale Canonsburg, Pa.
Dechert, Gene Henry Lebanon, Pa.
DeLong, David LeRoy Elizabethtown, Pa.
Detjen, Martha Sue Berwick, Pa.
Devlin, Joan Elaine Westville, N. J.
Duncan, Boyd Jervis Bluebell, Pa.
Edwards, Thomas William Scranton, Pa.
Eggert, John George Philadelphia, Pa.
Esch, Barbara Ann Altoona, Pa.
Ewald, Diane E. White Plains, N. Y.
Ewing, Meredyth Hanway Pittsburgh, Pa.
Frable, Karen Lou Palmerton, Pa.
Garrett, John Cleland Robesonia, Pa.
Garrett, Kenneth Richard Robesonia, Pa.
Garrison, Shirley Mae Berwick, Pa.
Gass, Warren Woodrow Selinsgrove, Pa.
Gelnett, Mary Jane Millerstown, Pa.
Gerkens, William Alan Delanco, N. J.
Gordon, Kenneth Elwood Danville, Pa.
Green, Donald Lee Harrisburg, Pa.
Gundaker, Robert G. Laurelton, Pa.
Hand, Terry Lee Sunbury, Pa.
Haney, Sandra Jean Montoursville, Pa
Hannum, Sarah Elizabeth Phoenixville, Pa.
Harris, Norman Wyland Harrisburg, Pa.
Hart, Gail Marie Woodstown, N. J.
Hauser, Fred Robert River Vale, N. J.
Hayhurst, Sondra Gilfert Sunbury, Pa.
Hedler, John Kilian, Jr. Washington, D. C.
Heishman, Eleanor Lois Wardensville, W. Va.
Henderson, Joan Elizabeth Haddonfield, N. J.
Hendrix, Ronald Claude Stratford, Conn.
Hershey, Fred Geist Leola, Pa.
Hoehling, Patricia Washington, D. C.
Hofmann, Robert Bruce DuBois, Pa.
Holland, Smith Wilson Nassawadox, Va.
Horn, John C., Jr. Alexandria, Pa.
Horowitz, Harvey A. Philadelphia, Pa.
Hough, Diana Marie Portage, Pa.
Houser, Della Marian Waterloo, Ontario
Howe, Richard Earl Chappaqua, N. Y.
Inners, Jon David Selinsgrove, Pa.
Jacobs, Alfred Willits Selinsgrove, Pa.
Jacobus, Earl R. South Orange, N. J.
James, Mary Longfellow Milford, Pa.
Jantzer, Judith Ann Rocky Hill, Conn.
Jones, William Benjamin Coaldale, Pa.
Kachelriess, Lawrence Stephen Union, N. J.
Kauffman, Paul Wayne Thompsontown, Pa.
Kaufman, John Frederick Strasburg, Pa.
Kay, Pamela Jane Basking Ridge, N. J.
Kerstetter, Larry Gene Port Trevorton, Pa.
Kiel, Alan Lauther New Hope, Pa.
Kirchner, George Amos York, Pa.
Kissinger, Terry Robert Selinsgrove, Pa.
Klingerman, Eleanor Ann Morrisville, Pa.
Knouse, Valerie Scotch Plains, N. J.
Knox, Carole Ann Ocean View, Del.
Knox, James M. Ridgway, Pa.
Kratzer, Kenneth E. McClure, Pa.
Kurtz, Carolyn Ann Toledo, Ohio
Lare, Joan H. Norristown, Pa.
Latimer, Ann Morris Paoli, Pa.
Lauer, Esther Elizabeth Ashland, Pa.
Lawler, Vicki Sue Wynnewood, Pa.
Lawrence, Ethel Mae Sunbury, Pa.
Linder, Richard E. Paoli, Pa.
Lindsay, William Edgar Huntingdon, Pa.
Lips, William Henry Wilmington, Del.

Loeffler, Karen M. Pittsburgh, Pa.
London, Oliver Hill Forty Fort, Pa.
Lovell, Barbara Ruth Allentown, Pa.
MacConnell, Rosalie Frances
Somerville, N. J.
Marionni, Roland Louis
Union City, N. J.
Marzolf, Chester Leroy Pine Grove, Pa.
McCarrick, Thomas Cole
Millport, N. Y.
Merwin, Irving Henry Waymart, Pa.
Meyer, Ralph John Glen Rock, N. J.
Mowers, George Michael, Jr.
Upper Darby, Pa.
Mowrer, Eugene Lloyd, Jr.
Columbia, Pa.
Muller, Frederick David
Cheltenham, Pa.
Mummert, Gerald G. East Berlin, Pa.
Mutzel, Kenneth Albert York, Pa.
Nafash, Richard Corey Ridgefield N. J.
Norton, James Buyers Coatesville, Pa.
O'Hara, Joseph, III Havertown, Pa.
O'Neil, Louis Dunbar Montgomery, Pa.
Overholt, Linford George
Philadelphia, Pa.
Padula, Samuel A. Kulpmont, Pa.
Parks, James Carbondale, Pa.
Pavlishin, Paul J. M. Philadelphia, Pa.
Pearson, William Bruce
Philadelphia, Pa.
Peterson, Lucinda Ann Clearfield, Pa.
Peyakovich, Paul Samuel
Minersville, Pa.
Pfister, Lynn A. Flushing, N. Y.
Polhemus, Judy Abbottstown, Pa.
Rayner, Marjorie Lee Westmont, N. J.
Reed, Barry Lee Sunbury, Pa.
Reinhart, William Charles
Greenwich, N. J.
Richards, Robert Roland, Jr. York, Pa.
Ritzman, Ira Glenn Port Royal, Pa.
Roberts, Darrell Arlene
Conemaugh, Pa.
Rodgers, James Alden Johnstown, Pa.
Romig, Linda Gwen Bethlehem, Pa.
Rothermel, Judith Ann
Wyomissing, Pa.
Rowlands, John Davis
Wilkes-Barre, Pa.
Royer, Theron James Watsontown, Pa.
Rupprecht, Michael Edward York, Pa.
Sabin, Bruce Somerville, N. J.
Sadosuk, George Edward
Selinsgrove, Pa.
Sanberg, Lynn G. Duke Center, Pa.
Sandahl, James Filer
Woodbridge, N. J.
Scharff, Linda Ann Metuchen, N. J.
Schenck, Clark Beidler Robesonia, Pa.
Schneider, Grant Herbert
Ho-Ho-Kus, N. J.
Schumacher, David Jacob Scranton, Pa.
Seaks, Richard Alan Stewartstown, Pa.
Shaffer, Lawrence E. Harrisburg, Pa.
Sherwood, John Taylor Nicholson, Pa.
Shintay, Patricia A. New York, N. Y.
Silar, Robert Young Willow Street, Pa.
Simington, Grace Dorothy Rome, N. Y.
Simon, Margaret Kathryn Berwyn, Pa.
Skinner, James Michael
Mt. Kisco, N. Y.
Skinner, Lawrence Anthony
Mt. Kisco, N. Y.
Snyder, Joseph Allen Selinsgrove, Pa.
Speidell, Walter A. Millburn, N. J.
Spriggle, Ann Romaine Richfield, Pa.
Stackhouse, Robert Howard
Fanwood, N. J.
Stahl, Stanley Carl
Washingtonville, Pa.
Stauffer, Dianne Louise Weatherly, Pa.
Steinberg, Joyce Ann Wallingford, Pa.
Stockalis, Barbara Ann Bristol, Pa.
Stone, Gary Winn Weatherly, Pa.
Straubel, Alan Frederic Teaneck, N. J.
Strine, Harry Cornelius, III
Shamokin, Pa.
Sugg, Barbara Jean Bethlehem, Pa.
Suloman, Robert Allen Pottstown, Pa.
Summers, James Warfield
Honey Brook, Pa.

Trommetter, James Lawrence Gordon, Pa.
Troutman, Sandra Marie Herndon, Pa.
Uhler, John Thomas Harrisburg, Pa.
Voiles, Michael Charles Wind Gap, Pa.
Vought, H. William, Jr. Selinsgrove, Pa.
Vought, John Mark, Jr. Lewisburg, Pa.
Walborn, Robert John Newton Sunbury, Pa.
Wasson, Kathye Sue Rixford, Pa.
Weichel, Jeffrey Robert Stroudsburg, Pa.
Wendler, Paul Frederick Ramsey, N. J.
Whitbeck, Norman Fleming, Jr. Clarks Summit, Pa.
Wilde, James M. Berwick, Pa.
Witmer, Mary Jane Dalmatia, Pa.
Woernle, Walter Baltimore, Md.
Yeager, Pamela Ann Macungie, Pa.
Zeilman, Donna Faye Carlisle, Pa.
Zook, Nancy Louise Lancaster, Pa.

SOPHOMORES 1962-1963

Adams, Barbara Weeks Selinsgrove, Pa.
Allen, Douglas Roger Milton, Pa.
Antry, Alan Lee Bethlehem, Pa.
Ayres, Cherie Jean Clark's Summit, Pa.
Bachman, Helen Louise Jenkintown, Pa.
Bacon, Ronald Charles Baltimore, Md.
Bair, Judith Ann Highspire, Pa.
Barnes, Timothy Rodger Mt. Carmel, Pa.
Bartelt, David William Philadelphia, Pa.
Baum, Bonnie Auburn, Pa.
Bean, David J. Cranford, N. J.
Beddoe, Janet Lee Bound Brook, N. J.
Bell, Bonnie Lee Camp Hill, Pa.
Bence, Barry Lincoln, Pa.
Bevilacqua, Daniel Vergil Wenonah, N. J.
Biggs, Sandra Louise Doylestown, Pa.
Billotte, William R. New Millport, Pa.
Blackwell, Doris Grace Lansdowne, Pa.
Borgerding, Charles W. Jr. Pittsburgh, Pa.
Borry, Denton Lee Stevens, Pa.
Bowen, Arthur Frederick Selinsgrove, Pa.
Bowes, Paul Earl Selinsgrove, Pa.
Boyd, Karen Leigh Berwyn, Pa.
Braun, Sharon Ann Towson, Md.
Breese, Adele Embree Princeton, N. J.
Bridgens, Leslie Campbell Arlington, Mass.
Brossman, Dorrance Jane Wyomissing, Pa.
Buchheit, Peter Melvin Southampton, N. Y.
Bucks, Bonnie Marie Reading, Pa.
Buell, Thomas Richard Geneseo, N. Y.
Bunting, Betsy Wormleysburg, Pa.
Burch, Jerold Charles Yarney, Pa.
Burns, Nancy Lou Altoona, Pa.
Cairns, Robert Charles Shamokin Dam, Pa.
Campbell, Carl Lester Sunbury, Pa.
Campbell, Susan Louise Plainfield, N. J.
Campbell, Jane Avenel, N. J.
Carr, Michael Charles Allentown, Pa.
Caswell, Cynthia Wynne Jenkintown, Pa.
Cathcart, Linda Lee Curwensville, Pa.
Caulfield, James Henry Teaneck, N. J.
Cave, Edward Lance Havertown, Pa.
Chew, Barbara Ann Mechanicsville, Pa.
Clark, Janet Diane Mt. Union, Pa.
Close, Mary Ellen Scranton, Pa.
Cole, Linda Susan Allentown, Pa.
Cone, Frederick Luther Paxinos, Pa.
Corson, Nancy Virginia Muncy, Pa.
Costello, Sally C. Mt. Holly, N. J.
Cox, Carol Elizabeth Richmond, Va.
Cramer, Ann Lee Milford, Pa.
Cueman, Walton R. Pompton Plains, N. J.
Darr, Lewis Herrold Manchester, Pa.

Daubenspeck, Henry Mason Carbondale, Pa.
David, Joseph Michael Irvington N. Y.
Davis, Joanne Louise Swarthmore, Pa.
Detterline, Anna Marie Thorndale, Pa.
Dice, Ray Elmer Lebanon, Pa.
Dick, Pamelia J. Dillsburg, Pa.
Downs, Barbara May Airville, Pa.
Downs, Sharon W. Montoursville, Pa.
DuBois, Raymond Donald Glen Rock, N. J.
Duerr, Susan Virginia Springfield, Pa.
Eberly, Charles Clayton Havertown, Pa.
Egger, Jerry Eugene York, Pa.
Endres, Thomas Edwin Pine Grove, Pa.
Erdman, Larry Gene Herndon, Pa.
Ermalinski, Peter Bronx, N. Y.
Ernst, Paul William Lewisburg, Pa.
Estep, Laura Jane New Oxford, Pa.
Etter, Catherine Louise Chambersburg, Pa.
Evans, Barbara Irene Honey Brook, Pa.
Evans, Susan Lucinda Harrisburg, Pa.
Fairty, Katharine Elizabeth Kearny, N. J.
Feeney, Lynn Stevens Sunbury, Pa.
Ferster, Sarah Grace Dornsife, Pa.
Fife, Dawn Louise Dallastown, Pa.
Filipek, Paul G. Union, N. J.
Fisher, Donald Paul Frackville, Pa.
Forti, William Pio Mt. Carmel, Pa.
Frederick, John Howard Phoenixville,Pa.
Freed, Harold Arthur Freeburg, Pa.
Freimanis, Peter A. Vineland, N. J.
Froelich, Marilyn Louise Robesonia, Pa.
Galbraith, William Thompson Lansdowne, Pa.
Gale, Mary Elizabeth Reading, Pa.
Galley, Lawrence John South River, N. J.
Garver, Phyllis Elizabeth Merchantville, N. J.
Gates, Suzanne Gyree Shamokin Dam, Pa.
Genereaux, David Weeks Wilmington, Del.
Gerding, Elizabeth Ann Chalfont, Pa.
Gibney, James Ambrose Union, N. J.
Gilbert, Ronald Douglas Baltimore, Md.
Glicksman, Linda Rachel Larchmont, N. Y.
Godshall, Edith Harriet Barnesville, Pa.
Goldenbaum, Walter Carl Pearl River, N. Y.
Good, Robert Alan Linwood, N. J.
Grebe, John Fred Pottstown, Pa.
Greco, Shirley Ann Mt. Carmel, Pa.
Griffith, Ann E. York Haven, Pa.
Grude, Christian F. Philadelphia, Pa.
Guarna, Leonard Thomas Atlas, Pa.
Hafer, Richard Wynn Sunbury, Pa.
Hamme, Robert Knute York, Pa.
Hancock, Robert Bradford Johnstown, Pa.
Harris, George Ellsworth Newark, Del.
Hart, Gary Edward Wyckoff, N. J.
Hartline, Muriel Constance Stewartsville, N. J.
Hatfield, Cortland, M. Westwood, N. J.
Helriegel, Lynne Ocean City, N. J.
Henss, Walter John Union, N. J.
Henzel, Henry Brentwood Glenside, Pa.
Hershey, Harold Jay Intercourse, Pa.
Hettenbach, Lloyd Robert Bloomfield, N. J.
Hickson, Jean Barbara Haddonfield, N. J.
Hinkel, Phoebe Jane Danville, Pa.
Hirsch, Richard Arthur Leonia, N. J.
Hoover, Blairanne York, Pa.
Hughes, Philippa Connor Westfield, N. J.
Hutchinson, James G., Jr. Beach Haven Gardens, N. J.
Jacobs, Clyde Hillock, Jr. Northumberland, Pa.

Jauck, Thomas Moncrief Wantagh, N. Y.
Jervis, R. Alex B. Schwenksville, Pa.
Johnson, Bonnie Lea Danville, Pa.
Joyce, Nancy Walker Collingswood, N. J.
Karschner, Richard Shimer Abbottstown, Pa.
King, Michael Paul Lumberton, N. J.
Kishpaugh, Pamela Catherine Allentown, Pa.
Koch, David Alan Hollidaysburg, Pa.
Koslow, Tonia Anne Queens Village, N. Y.
Kramlick, Paul Eugene Ranshaw, Pa.
Krichev, Alan Camden, N. J.
Kuhn, Milton Melker Philadelphia Pa.
Kuntz, Rodger Eugene York, Pa.
Lauver, Barry Lee Mifflinburg, Pa.
Lawrence, June Carol Springfield, Pa.
Leadbeater, Holly Avis Glenside, Pa.
Leber, Frank John Oberlin Gardens, Pa.
Leid, Mahlon Kent Denver, Pa.
Leininger, Scott Ronalt Baltimore, Md.
Lewis, William Thoborn Shamokin, Pa.
Limbert, Priscilla Fay Closter, N. J.
Long, Victoria Susan Friedens, Pa.
Loughridge, Jacquelyn June Ardmore, Pa.
Lowden, Joseph Jonathan State College, Pa.
Luders, John Calvin Philadelphia, Pa.
Lundberg, Lucinda Kay Carlisle, Pa.
Luth, Robert John Greenwich, Conn.
Lynn, David Earl New Columbia, Pa.
Lytle, Robert Warren Sunbury, Pa.
Mackey, Cathleen Walsh Haddonfield, N. J.
Maier, Barbara Jeanne White Haven, Pa.
Mancke, Robert Ball Bath, Pa.
Mark, Allen David DuBois, Pa.
Marsicano, Carol Dianne Pine Grove, Pa.
Martens, Marilyn Jean Towson, Md.
Martz, Ronald Edward Sunbury, Pa.
Maslin, Milton Howard Philadelphia Pa.
Mattern, Nancy L. Shamokin, Pa.
McCarthy, Kennetha Alice Middletown, Conn.
McGowin, Judith E. Southampton, N. Y.
McKenna, Sheila Marie Long Valley, N. J.
McLaughlin, William Kevin Pittsburgh, Pa.
Mease, Kenneth Webster Selinsgrove, Pa.
Mellon, Seward Prosser Ligonier, Pa.
Mercado, Miguel A. Manchester, Vt.
Meserole, Richard B. Bellaire, N. Y.
Metz, William Robert Easton, Pa.
Metzger, Samuel Edward Roaring Spring, Pa.
Michael, William Monroe Milton, Pa.
Miles, Graydon Mervine Lewisburg, Pa.
Miller, Carl Frederick York, Pa.
Miller, Gary Andrew Ridgway, Pa.
Miller, Suzanne R. Quakertown, Pa.
Miller, Wayne Wright Selinsgrove, Pa.
Minch, Marilyn Grace Coraopolis, Pa.
Moreland, Marigail Center, Md.
Mores, Herbert MacCuish Hackensack, N. J.
Muir, William James West Mifflin, Pa.
Mychak, Dennis Romah Mt. Carmel, Pa.
Myers, Lonnie C. Thomasville, Pa.
Myers, Rebecca Louise Westminster, Md.
Myers, Thomas L. Lock Haven, Pa.
Neier, Kathryn Alison Midwest City, Okla.
Newbury, Robert M. Shamokin, Pa.
Newton, Margaret Rebekah Broomall, Pa.
Norcross, Diane Monroe, N. C.
Ocker, Carol Ann Hagerstown, Md.
Oehlert, Ronald Edwin Royersford, Pa.
Owens, Gary William Lewisburg, Pa.

Pavelko, Ann Ellen Kathryn Girardville, Pa.
Pearce, William Cooper Philadelphia Pa.
Peischl, Thomas Michael Topton, Pa.
Pennypacker, Frank David Stratford, N. J.
Petrie, Susan Carol Damascus, Md.
Pfrommer, John William Pottstown, Pa.
Plitt, Barry Lee York, Pa.
Pokornicky, Edward John New London, Conn.
Potts, Sandra E. Pine Grove, Pa.
Price, Jean Van Dyke La Bala Cynwyd, Pa.
Ray, Frances Isabel Sunbury, Pa.
Reed, Robert Jarden, Jr. Paoli, Pa.
Rehmeyer, Edwin Lee Stewartstown, Pa.
Reichley, Eric Lee Selinsgrove, Pa.
Revak, David John Mt. Carmel, Pa.
Reynolds, Douglas Leonard Robbinsville, N. J.
Rhoades, Richard Craig Nazareth, Pa.
Rhodes, Judith Ann Stroudsburg, Pa.
Richmond, Lynne New Monmouth, N. J.
Riddle, James Ronald Moylan, Pa.
Risley, Marilyn Ruth Scotch Plains, N. J.
Ryan, Adelaide Ithaca, N. Y.
Rothermel, Donna Marie Mt. Carmel, Pa.
Rumbel, Richard William Sunbury, Pa.
Satow, Robert Glenn Canton, Ohio
Saylor, Deanna Leona Dallastown, Pa.
Schaffrath, Karl Heinz Fritz Washington, D. C.
Schnure, Sarah Jane Selinsgrove, Pa.
Scholl, John Foster Shamokin Dam, Pa.
Scovell, Robert Joseph Forty-Fort, Pa.
Seeburger, Stephen Charles Upper Darby, Pa.
Seifried, Karen Ann Newark, N. J.
Seiple, Donald Jerry Felton, Pa.
Seitz, Steven Lynn Hummelstown, Pa.
Seyss, Daniel Robert Teaneck, N. J.
Shade, Cynthia Louise Shamokin, Pa.
Shaw, John Howe Milton, Pa.
Shirk, Robert Dawson Lebanon, Pa.
Shurr, Victoria Elaine Reading, Pa.
Smedley, Judith Anne Barnesville, Pa.
Smiley, Ruth Ann Norristown, Pa.
Smith, Lee Kessler Thompsontown, Pa.
Snyder, Aleida Carolyn Montoursville, Pa.
Snyder, Mary Louise Lansford, Pa.
Stauffer, Frederick Erwin York, Pa.
Stichler, Judith Maris Reading, Pa.
Straus, William Gordon Irvington, N. J.
Streamer, Richard Hayden State College, Pa.
Styer, Bruce Franklin Mifflinburg, Pa.
Swenson, Nancy Loraine Boyertown, Pa.
Swope, R. Brent Harrisburg, Pa.
Taylor, Thomas Newpher Belleville, Pa.
Toconita, Aurelie M. Ardmore, Pa.
Tomasko, Suzanne Warco Hazleton, Pa.
Topper, John Abram Hyndman, Pa.
Tweed, Carolyn May Williamstown, N. J.
Ueberroth, Timothy Duane Bethlehem, Pa.
Ulrich, Joseph Emery Middleburg, Pa.
Undy, Suzanne Rulon Cape May, N. J.
Unglaub, Alfred Max Kenilworth, N. J.
Updegrove, Carol Alyce Northumberland, Pa.
Vignone, John Achille New Milford, N. J.
Vogel, William Allen Caldwell, N. J.
Walker, William Robert Sunbury, Pa.
Wallding, Carol Helen Spencer, N. Y.
Ward, Virginia Grace Kenilworth, N. J.
Watson, Robert Geoffrey York, Pa.
Watts, Robert Newton Lititz, Pa.
Webster, Hope Milton, Pa.
West, Mary Louise Pennsauken, N. J.

Winegardner, Robert Dennis Buffalo, N. Y.
Winters, Christopher Livingston Williamsport, Pa.
Wolcott, Gaye Allison Camp Hill, Pa.
Wolf, Vaughn Arthur Trevorton, Pa.
Woolley, Dorothy Bartlett Hershey, Pa.
Wright, Meredith May Trenton, N. J.
Zerbe, Gary Gilbert Dalmatia, Pa.
Ziegler, Audrey Elizabeth Glenside, Pa.
Zimmerman, James Lewis Wormleysburg, Pa.

FRESHMEN 1962-63

Alexanderson, Linda Viola Bedford Hills, N. Y.
Andrews, Samuel Ray Mapleton Depot, Pa.
Apelian, Ashod Nofer Aleppo, Syria
Arundale, Charles Erving Westfield, N. J.
Badman, Reynold Lee Sunbury, Pa.
Bailey, Charles Langdon Sunbury, Pa.
Bannister, Susan Louise Westboro, Mass.
Bashore, Larry David Harrisburg, Pa.
Bauman, Ron Drew Westfield, N. J.
Beebe, Kathleen Lois New London, Conn.
Beery, Judith A. Ho-Ho-Kus, N. J.
Belanger, Carol Dee Bedford Hills, N. Y.
Bender, Charles Samuel, II Chambersburg, Pa.
Bender, Ronda Lee Duncannon, Pa.
Bieber, Carl Reeser Fleetwood, Pa.
Biehler, Charles Howard Pennsauken, N. J.
Bingaman, David Paul Montgomery, Pa.
Blank, Harriet Constance Sunbury, Pa.
Boettger, Herbert G., Jr. Spring City, Pa.
Bogert, John Lawrence W. Hazleton, Pa.
Boyer, Karen Kaye Mt. Pleasant Mills, Pa.
Bradway, Patricia Jane Collingswood, N. J.
Braun, Elizabeth Anne Bloomfield, N. J.
Brennan, Francis Joseph Philadelphia, Pa.
Brink, Joanne Evelyn Clarks Green, Pa.
Brosius, Newton Turner Avondale, Pa.
Brown, Les Eugene Oreland, Pa.
Brown, Sandra Anise Montoursville, Pa.
Buffington, Douglas Ray Northumberland, Pa.
Burgee, Lynn Nolting Towson, Md.
Butler, Sally Anne Parkesburg, Pa.
Buttimer, Thomas W. Drexel Hill, Pa.
Canino, Norman New York, N. Y.
Carlson, Roy Charles Glen Head, N. Y.
Carothers, Linda Anne Chatham, N. J.
Carson, Rebecca Margaret Glenside, Pa.
Caruso, Richard Ernest Margate, N. J.
Challis, Judith Anne Wilkes-Barre, Pa.
Chango, Sandra Marie Mt. Carmel, Pa.
Clapham, John Hartman Philadelphia, Pa.
Clark, Ann Martha Denville, N. J.
Clark, Priscilla L. Glenside, Pa.
Coar, John Martin Dunmore, Pa.
Coleman, Randolph Alvin Steelton, Pa.
Collings, Howard Robert Selinsgrove, Pa.
Collins, John Byron, Jr. Parsippany, N. J.
Conner, James Leigh Richboro, Pa.
Conrad, Frederica Lee Wrightsville, Pa.
Corey, Samuel C., Jr. Ft. Washington, Pa.
Costello, Anthony John Mt. Carmel, Pa.
Cramer, Judith May Milford, Pa.
Cubler, Wayne Richard Westville Grove, N. J.

Dalious, William Ronald Hamburg, Pa.
Davidson, Richard D. Bloomfield, N. J.
Davis, Clark A. Prattsburg, N. Y.
Davis, Sue Carole Bendersville, Pa.
Dayton, Cynthia Walker Dunellen, N. J.
DeJoseph, Henry Frank Inwood, N. Y.
Devlin, Charles Frederick Westville, N. J.
Dichsen, Peter Daniel Brooklyn, N. Y.
Dombroski, Benjamin Alexander Shamokin, Pa.
Donovan, Martha Jane Milton, Del.
Dorman, Dianne Kay Selinsgrove, Pa.
Dorsch, Nancy Anita Uniondale, N. Y.
Dowling, Cheryl Eileen New York, N. Y.
Drake, Joanne Eileen Haddonfield, N. J.
Drumm, Robert Elmer Mechanicsburg, Pa.
Duerr, Robert Lewis Newtown Square, Pa.
Duke, Joan Anne Woodbury, N. J.
Dunham, Robert William Lafayette Hill, Pa.
Dunkelberger, Russel T. Shamokin, Pa.
Ebert, F. Warren Short Hills, N. J.
Eck, Marilyn Evelyn Shavertown, Pa.
Eime, Annette Carmeta Hawley, Pa.
Elpern, L. Victor Boyertown, Pa.
Elston, Nancy Louise Dallas, Pa.
Emerick, Ronald Rine Sunbury, Pa.
Eyster, David Lee Sunbury, Pa.
Fager, Peter Grant Shaker Heights, Ohio
Farnsworth, Gerald Myles Nesquehoning, Pa.
Fegley, Georgia Donna Easton, Pa.
Fenstermacher, Richard T. Tamaqua, Pa.
Fiedler, Jane Ellen Harrisburg, Pa.
Fisher, Wayne Howard York, Pa.
Forgerson, Roger Terhune North Plainfield, N. J.
Fowler, Robert Brooks Newtown Square, Pa.
Frey, Louisa Ann Bethlehem, Pa.
Frey, Roberta M. Muncy, Pa.
Frick, Floyd David Norwood, Pa.
Friedman, Peter Cutler Reading, Pa.
Gagne, Joseph William, Jr. Hartford, Conn.
Gano, Joseph Allan Allentown, Pa.
Garner, Albert R. Abington, Pa.
Garrett, Bonnie L. Robesonia, Pa.
Genszler, David Alan East Greenville, Pa.
Gerhart, Brenda Kay Ephrata, Pa.
German, David Earl Northumberland, Pa.
Giesmann, Larry Allen Pleasant Valley, Pa.
Gipe, Christopher Jon Harrisburg, Pa.
Gochnour, Gretchen Ann Ligonier, Pa.
Goddard, Robert William Barbados, B. W. I.
Goheen, Richard Warner Westfield, N. J.
Good, James Wunder Linwood, N. J.
Greco, Charles Joseph Mt. Carmel, Pa.
Gregory, Margaret Emily Wilkes-Barre, Pa.
Gresh, Thomas Rich Northumberland, Pa.
Grove, Holly Johanna Red Lion, Pa.
Hall, Michael Stewart Pottstown, Pa.
Hartman, Paul Vincent Margate, N. J.
Hartwig, Clair Penelope Westfield, N. J.
Hasson, Suzanne Louise Wildwood, N. J.
Hawk, Judith Ann Hanover, Pa.
Heller, Diane Louise Pennsauken, N. J.
Herold, James Carl Union, N. J.
Hoehler, Nancy Jean Roselle Park, N. J.
Hull, Donald Andrew Cortland, N. Y.
Huneke, Robert Frederick Hightstown, N. J.
Hunt, Halsey Preston, III Pompton Lakes, N. J.

Iacullo, Alexander Belleville, N. J.
Jager, Margaret Elaine Lafayette, N. J.
Johnson, Roger Peter Morrisville, Pa.
Jones Edward Clark Wassaie, N. Y.
Jones, George Albert Library, Pa.
Karns, Melinda Littlestown, Pa.
Kaufman, Margaret Louise
Selinsgrove, Pa.
Keener, Ruth Eileen Rehrersburg, Pa.
Kellett, Diane Mary Rochester, N. Y.
Kelly, Frederick William, Jr.
Sunbury, Pa.
Killian, Eileen Elaine Lancaster, Pa.
King, Donald Steele Montoursville, Pa.
Klinger, Raymond William
Sunbury, Pa.
Klomp, John Bittinger
Fairless Hills, Pa.
Kohlstruk, Ernst Henry
Valley Stream, N. Y.
Kostenbader, Anne Schmidt
Nazareth, Pa.
Kruidenier, Alice Jean Corning, N. Y.
Lamb, Linda Louise Leola, Pa.
Laubach, Patricia Louise
Richlandtown, Pa.
Lauver, Margaret Elizabeth
Metuchen, N. J.
Lawler, Peter David Pottstown, Pa.
Lawrence, Nancy Jane Lancaster, Pa.
Lee, Mary Westfield, N. J.
Lee, Myrna Grace Springville, Pa.
Lehman, Charles Nicholson
Philadelphia, Pa.
Lemke, William Brett Clifton, N. J.
Leonovich, George Ira Shamokin, Pa.
Leopold, William Longley
Philadelphia, Pa.
Liddle, James Charles
Shippensburg, Pa.
List, Mary Elizabeth
Upper Montclair, N. J.
Lott, Donald Clarence, Jr.
Pittsburgh, Pa.
MacMahon, Gordon Flynn
Clayton, N. J.
Maddock, Ellen K. Phillipsburg, N. J.
Madio, Daniel James Norwich, Conn.
Markel, Edwin M., Jr. Worcester, Pa.
Marooney, James Whitney
Long Beach, Calif.
Matson, Peter Loyd Burlington, Vt.
May, John Rogers Summit, N. J.
McCleary, Jetson Russell
Emporium, Pa.
McColgan, Raymond Lee
Silver Spring, Md.
McCormick, Janie Lee Millersburg, Pa.
McIntyre, Paulette Elaine
Hollidaysburg, Pa.
Meek, Carol Jean Media, Pa.
Meindertsma, Alan Peter
Levittown, N. J.
Meisenhelter, Joan Louise York, Pa.
Melech, Gerald Carteret, N. J.
Melching, Stephen Davis Livonia, N. Y.
Menapace, John Jude Atlas, Pa.
Meyer, Robert August
Locust Valley, N. Y.
Mikesell, Richard Hess
Waynesboro, Pa.
Miles, Barbara Ann Clear Spring, Md.
Milne, James Richard Media, Pa.
Minnig, Kenneth Howard
W. Hazleton, Pa.
Mohr, Harry William Ardsley, Pa.
Moltu, Marilyn Patricia
Princeton, N. J.
Monsell, John Allen Yeagertown, Pa.
Moore, Mary May Miller
Greencastle, Pa.
Morris, Priscilla Allen
Chester Springs, Pa.
Morton, John Stewart Westfield, N. J.
Moulton, Albert Willis, III
Portland, Me.
Moyer, Elise Evaline Oreland, Pa.
Mundis, Lawrence Earl York, Pa.
Nase, Maxine Louise Pennsburg, Pa.
Namey, Susan Eileen Altoona, Pa.
Nash, James H. Bloomfield, N. J.
Nelson, Nancy Gay Pennington, N. J.
Newhart, David Charles Coplay, Pa.

O'Brien, William Patrick Selinsgrove, Pa.
O'Donnell, Janice Helen Chenango Forks, N. Y.
Oelkers, Margaret Lynn Shohola, Pa.
Olsen, Richard John Mt. Kisco, N. Y.
Ominsky, Stephen Lazar Philadelphia, Pa.
Orth, Margaret Cecile Honesdale, Pa.
Ortolani, Joan Angela Yonkers, N. Y.
Oswald, Ted Frederick Montoursville, Pa.
Otani, Yvonne Y. Waiakoa, Maui, Hawaii
Pape, Martha Lynne New City, N. Y.
Parsons, Henry Cooley Williamsport, Pa.
Pasini, Richard Roy Valley Stream, N. Y.
Pawelec, William John Westfield, N. J.
Pawloski, Richard Adam Jamesport, N. Y.
Peachey, Thomas Edgar Mifflinburg, Pa.
Peck, Edward Jefferson, Jr. Annapolis, Md.
Phelps, Sandra Jeanne Williamsport, Pa.
Piper, Faith Marie Hanover, Pa.
Piszek, Edward John Philadelphia, Pa.
Powers, Margaret Adelaide Salem, N. J.
Prichard, George Frederick Ashland, Pa.
Pulis, Richard Jeffery Essex Fells, N. J.
Purpur, Ralph Eugene Danville, Pa.
Raffetto, Janet Dorothy Furlong, Pa.
Ramsey, Kathryn E. Chatham, N. J.
Rapp, Kenneth Irwin Elverson, Pa.
Rauch, Michael Peter Lansdale, Pa.
Reed, Garcia Lee Herndon, Pa.
Reed, Norma Eloise Sunbury, Pa.
Reed, Ronald Boyer Sunbury, Pa.
Reidell, Rhoda Kay Mifflinburg, Pa.
Reiff, Gregory Joseph York, Pa.
Reynolds, Barbara Lillian Mt. Kisco, N. Y.
Reynolds, Kathleen Francis S. Bound Brook, N. J.
Rice, Thomas Elwood Ickesburg, Pa.
Rice, Walter Hoff Mountainside, N. J.
Richards, Catherine Jane Strasburg, Pa.
Richards, Susan Jill Havertown, Pa.
Roberts, D. Scott Marlton, N. J.
Sales, David Allen Easton, Pa.
Sanborn, Richard Granville Westfield, N. J.
Sarajian, Douglas Craig Teaneck, N. J.
Savini, Jack Leonino Greensburg, Pa.
Schalles, Mary Louise Dayton, Pa.
Schelander, Anna Mathilda Fresno, Calif.
Scheib, Gary Lamar Dornsife, Pa.
Schmidt, William Charles Bogota, N. J.
Schuettler, Robert David Pottsville, Pa.
Schultz, Josiah Jeffrey Berwyn, Pa.
Sebastian, Dena Jean Franklin, N. J.
Sell, Robert Glenn Greencastle, Pa.
Shafer, Donald Lee Havre De Grace, Md.
Shaffner, Richard Alan Harrisburg, Pa.
Shaw, Leanne Millville, Pa.
Shest, Claudia Joan Valley Stream, N. Y.
Shupe, Carol Ann Creamery, Pa.
Siegel, Walter L. Pottsville, Pa.
Smith, Karen Sue Clearfield, Pa.
Smith, Ted Paul Dornsife, Pa.
Snyder, Allen Goodman Glenside, Pa.
Snyder, Michael Thomas Sunbury, Pa.
Snyder, Ray Elwood Middleburg, Pa.
Spalding, Cheryl Jean Troy, Pa.
Springer, Suzanne Ruth Dover, Pa.
Stauffer, Samuel Arthur Selinsgrove, Pa.
Steele, Robert Raymond Palmerton, Pa.
Steinbach, Sharon Louise Boulogne sur Seine, France
Sudders, Richard Allen Philadelphia, Pa.
Summer, Carole Lee Moorestown, N. J.
Swan, Donna L. Ocean City, N. J.
Swartz, Lois Ann Millerstown, Pa.

Talbot, Richard Eben Milford, Pa.
Terhune, Kenneth Crawford Chambersburg, Pa.
Tharp, Frank Joseph Sunbury, Pa.
Tietz, Gilbert Ernest Bethesda, Md.
Travelet, Daniel Lee Middleburg, Pa.
Tressler, Randall Kay Newport, Pa.
Trimmer, John Richard Spring Grove, Pa.
Troutman, John Claude Selinsgrove, Pa.
Turner, Jeanne Marie Richboro, Pa.
Tuttle, Arthur Lewis Havertown, Pa.
Uguccioni Otto Alan Greentown, Pa.
Urban, William David Harrisburg, Pa.
Varano, Lloyd Gerard Elysburg, Pa.
Viertel, Carol Louise Wantagh, N. Y.
Vlcek, Joseph Vincent Annapolis, Md.
Wales, Linda Elaine York, Pa.
Walker, Benjamin J. Summit Hill, Pa.
Walton, Gertrude Rowe Moorestown, N. J.
Webster, William C. Petersburg, N. Y.
Wentzel, Carol Doreen Sunbury, Pa.
Wertz, Linda Jane Selinsgrove, Pa.
Whitaker, Claudia Marie Harrisburg, Pa.
Wiesman, Dorothy Lillian Valley Stream, N. Y.
Wight, Charles Henry Radnor, Pa.
Wilcox, John Weeks Selinsgrove, Pa.
Winters, William Engle Sunbury, Pa.
Worthington, Marcus Morton New London, Conn.
Wyse, Lyn H. Pasadena, Calif.
Youngblood, Diana Lee Johnstown, Pa.
Zane, John Gene Clifton, N. J.
Zeichner, Susan Grace York, Pa.
Zimmerman, David Edward Orwigsburg, Pa.

SPECIAL STUDENTS 1962-1963

Densevich, Mary Helena Selinsgrove, Pa.
Fiedler, Herman Sunbury, Pa.
Grier, Phyllis Louise Danville, Pa.
Hennessey, Dorothy L. Selinsgrove, Pa.
Kling, Gerald Fairchild Lewisburg, Pa.
Kough, Nancy Danville, Pa.
Lauver, Joseph Roy Selinsgrove, Pa.
Leib, Suzanne E. Sunbury, Pa.
Musser, Dale Charles Selinsgrove, Pa.
Payne, Virginia Lella Selinsgrove, Pa.
Smith, Ruth E. Freeburg, Pa.
Sheaffer, Dianne Sue Selinsgrove, Pa.
Slessler, Rachel E. Danville, Pa.
Snauffer, William Charles Sunbury, Pa.
Swope, Katharine Anne Watsontown, Pa.
Webber, Naomi B. Riverside, Pa.

SUMMER SESSION 1962

Aigars, Biruta Harrisburg, Pa.
Andes, William Oliver Danville, Pa.
Antry, Alan Lee Selinsgrove, Pa.
Bachrach, Alan Philadelphia, Pa.
Baily, William Marshall Kennett Square, Pa.
Bittles, Margaret Louise Sunbury, Pa.
Borry, Denton Lee Stevens, Pa.
Bowen, Gail Marie Selinsgrove, Pa.
Bowes, Donald Howard Essex, N. J.
Broscious, Russell Karl, Jr. Sunbury, Pa.
Brosius, Arthur II Avondale, Pa.
Brossman, Dorrance Jane Wyomissing, Pa.
Burch, Jerold Charles Yardley, Pa.
Charles, Allen Henry Jr. Selinsgrove, Pa.
Colombet, Anthony, Willard Sunbury, Pa.
Cronlund, Kara May Gettysburg, Pa.
Curley, Maureen Verona, N. J.
Curtis, Ida May Selinsgrove, Pa.
Curtis, Thomas H. L. Bergenfield, N. J.

Differ, Anthony Louis Bridgeport, Pa.
Duncan, Boyd Jervis Blue Bell, Pa.
Ebright, Philip Norman Mifflintown, Pa.
Ermalinski, Peter Bronx, N. Y.
Ewing, Meredyth Hanway Pittsburgh Pa.
Fenstermacher, Richard T. Tamaqua, Pa.
Frye, Audrey Mabus Bloomsburg, Pa.
Gahan, David Richard Selinsgrove, Pa.
Genereaux, David Weeks Wilmington, Del.
Gettier, Stephen C. Biglerville, Pa.
Good, Nancy Jane Menoher Heights, Pa.
Gravell, Judith Anne Pittston, Pa.
Graybill, Donna Marilu Cocolamus, Pa.
Greco, Shirley Ann Mt. Carmel, Pa.
Grude, Christian Philadelphia, Pa.
Guinn, Jane Kistner Huntingdon, Pa.
Hackenberg, Barry Miller Mifflinburg, Pa.
Harris, Norman Wyland Harrisburg, Pa.
Hayhurst, Sondra Gilfert Sunbury, Pa.
Heishman, Eleanor Lois Wardensville, W. Va.
Hendricks, Linda Gail Sunbury, Pa.
Herb, Joseph William Snydertown, Pa.
Herbster, David Parke Middleburg, Pa.
Hershey, Fred Geist Leola, Pa.
Hirsch, Richard Arthur Leonia, N. J.
Hoffman, Robert Curtis Sunbury, Pa.
Hoover, Roberta Louise Selinsgrove, Pa.
Horn, John C., Jr. Alexandria, Pa.
Inners, Jon David Selinsgrove, Pa.
Jablonski, Stanley Gerald Sunbury, Pa.
Jacobs, Alfred Willits Selinsgrove, Pa.
Jordan, Barbara Ann Camp Hill, Pa.
Kissinger, Terry Robert Selinsgrove, Pa.
Klinger, Raymond William Sunbury, Pa.
Kretzing, Dale Eugene Selinsgrove, Pa.
Kuebler, Peter Hammond Summit Hill, Pa.
Kuzmick, Joseph Ronald Shamokin Dam, Pa.
Lewis, Greyson P. Mifflinburg, Pa.
Lewis, William T. Shamokin, Pa.
Lindsay, William Edgar Huntingdon, Pa.
Lips, William H. Wilmington, Del.
Lovell, Benjamin Hallett Essex Fells, N. J.
Luders, John Calvin Philadelphia, Pa.
Luth, Robert John Greenwich, Conn.
McHenry, Michael Eugene Sunbury, Pa.
McKalip, Sarah Ann Smethport, Pa.
Mattern, Nancy Louise Shamokin, Pa.
Mease, Kenneth Webster Selinsgrove, Pa.
Merwin, Irving Henry Waymart, Pa.
Meserole, Richard B. Bellaire, N. Y.
Miles, Graydon Mervine Lewisburg, Pa.
Miller, John William Sunbury, Pa.
Mores, Herbert MacCuish Hackensack, N. J.
Partridge, Emily Louise Maplewood, N. J.
Pollard, Ronald Frank Selinsgrove, Pa.
Reynolds, Douglas Leonard Robbinsville, N. J.
Ritzman, Ira Glenn Port Royal, Pa.
Rowe, Richard Emerson New London, Conn.
Royer, Theron James Watsontown, Pa.
Ryan, Adelaide Ithaca, N. Y.
Sadosuk, George Edward Lewistown, Pa.
Schenck, Clark Beidler Robesonia, Pa.
Seifried, Karen Ann Newark, N. J.
Shade, Cynthia Louise Shamokin, Pa.
Shaffer, Stephen Doug Harrisburg, Pa.
Shipman, Merdyth Helen Sunbury, Pa.
Shirk, Robert Dawson Lebanon, Pa.
Sholley, Sandra Kay Lewisburg, Pa.
Siple, Ann Royer Duncannon, Pa.
Slater, Ann Christine Selinsgrove, Pa.

Stahl, Stanley Carl
Washingtonville, Pa.
Stauffer, Nancy J. Port Trevorton, Pa.
Taylor, Thomas Newpher
Belleville, Pa.
Tuma, Judith Ann Rockville, Md.
Uhler, John Thomas Harrisburg, Pa.
Ulrich, Joseph Emery Middleburg, Pa.
Unger, Kenneth Eugene Hanover, Pa.
Van Zandt, James Douglas
Pottstown, Pa.
Vignone, John A. New Milford, N. J.
Vought, H. William Jr.
Middleburg, Pa.
Wassam, Linda Lavon Millerstown, Pa.
Webster, Hope Northumberland, Pa.
White, Janet H. Norristown, Pa.
Williams, Samuel Roberts
Northumberland, Pa.
Winters, Christopher Livingston
Williamsport, Pa.
Woernle, Walter, Jr. Baltimore, Md.
Yingling, Herbert Karl Burnham, Pa.
Yohe, Earl Michael Spring Grove, Pa.
Ziegler, Audrey Elizabeth
North Woods, Pa.

ENROLLMENT SUMMARY

	Men	*Women*	*Total*	
Seniors	87	72	159	
Juniors	133	73	206	
Sophomores	153	115	268	
Freshmen	172	117	289	
	545	377	922	
Studying in Europe	1		1	
	546	377	923	
Special Students	5	11	16	
	551	388	939	939
Summer Session 1962	76	34	110	
Names Repeated			83	27
				966

GEOGRAPHIC DISTRIBUTION OF STUDENTS ENROLLED IN REGULAR SESSION

1962-63

California	1	2	3
Connecticut	5	5	10
Delaware	3	2	5
Hawaii		1	1
Indiana	1		1
Maine	1		1
Maryland	8	12	20
Massachusetts		2	2
New Jersey	88	68	156
New York	30	25	55
North Carolina		3	3
Ohio	2	1	3
Oklahoma		1	1
Pennsylvania	399	250	649
Vermont	2		2
Virginia	1	1	2
District of Columbia	2	1	3
West Virginia		1	1
Total, United States	543	375	918
British West Indies	1		1
Canada		1	1
France		1	1
Syria	1		1
	545	377	922

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Degrees Conferred in 1962

DEGREES IN COURSE

Bachelor of Arts

Dorothy Jeanne Shomper, *summa cum laude* Shamokin, Pa.
Judith Amelia Brndjar, *cum laude* Danbury, Conn.
Leslie Richard Butler, *cum laude* Pitman, N. J.
Ned Stuart Coates, *cum laude* Bloomsburg, Pa.
James Arnold DeLong, *cum laude* Elizabethtown, Pa.
Paul Wolpert Tressler, *cum laude* Telford, Pa.
Dorothy Mae Anderson Cheltenham, Pa.
Elizabeth Hodges Bagger Hegins, Pa.
Robert Bernard Bechtel Pottstown, Pa.
Judith Kaye Behrens Tenafly, N. J.
Leonard Robert Betkoski Glen Lyon, Pa.
Gay Lorraine Bouchard Stratford, Conn.
Charles Raymond Bowen Selinsgrove, Pa.
Betty Renee Branthoffer Thompsontown, Pa.
Robert William Breitwieser West Seneca, N. Y.
Alice Leona Brown Yeadon, Pa.
Philip Maize Clark Glenside, Pa.
Ray Franklin Cragle Bloomsburg, Pa.
Jean Elizabeth Ewald Hatboro, Pa.
William Lester Fausey Selinsgrove, Pa.
Fritz Johannes Fichtner, Jr. Reading, Pa.
Sandra Louise Forse Montoursville, Pa.
Walter William Fox, Jr. Seaford, N. Y.
Ronald Irvin Foye Liverpool, Pa.
Jacqueline Emma Gantz Hanover, Pa.
Barry Miller Hackenberg Mifflinburg, Pa.
Joan Ellen Haefle Hackettstown, N. J.
Thomas Lyn Hanshaw Harrisburg, Pa.
Ronald Charles Hardnock Ashland, Pa.
Grace Lee Johnson West Chester, Pa.
Nathan Alfred Kale Gettysburg, Pa.
Dorothy Martha Kunkle Harrisburg, Pa.
Martha Joan Lawley Oreland, Pa.
Sarah Kirk Lockett Moosic, Pa.
Rosemary Kaye Losch Selinsgrove, Pa.
Lynn Moore Manning Harrisburg, Pa.
Sharon Lee Martin Woodbridge, N. J.
Lois Mae Master Beaver Springs, Pa.
Lyman Irvin Milroy Mifflinburg, Pa.
Wayne Hiroshi Minami Washington, D. C.
Susan Jane Myers Williamsport, Pa.
Francis Allen Nace Selinsgrove, Pa.
James Henry Parker, Jr. Havertown, Pa.
George Paul Pressley, II Pittsburgh, Pa.
Leonard Pendleton Purcell Utica, N. Y.
Larry Gene Richter Ephrata, Pa.

Ruth Joyce Roberts Hazleton, Pa.
Ann Lorraine Schaefer
South Williamsport, Pa.
Joyce Nora Sheesley Harrisburg, Pa.
Stanford Clyde Sholley, Jr.
Lewisburg, Pa.
Lynn Emerson Snyder Sunbury, Pa.
Paul Delbert Snyder Dornsife, Pa.
Alan Lee Thomas East Greenville, Pa.
Mary Ann Traher Selinsgrove, Pa.
James Arthur Updegrove, Jr. Muir, Pa.
E. Michael Yohe Spring Grove, Pa.

Bachelor of Science

Mary Ilene Jablonski,
magna cum laude Sunbury, Pa.
Norman Harold Lauer, Jr., *cum laude*
Shamokin, Pa.
Anne Ostheim, *cum laude*
Johnstown, Pa.
Judith Elaine Arnold
Pennsauken, N. J.
Robert Edward Brenner, Jr.
Alloway, N. J.
Gloria Graybill Brubaker
Liverpool, Pa.
William Hugh Clark, Jr. Sunbury, Pa.
Louella Louise Coccodrilli
Peckville, Pa.
James Thomas Coolbaugh
Towanda, Pa.
Norman Albert Crickenberger
Wilmington, Del.
Benedict Florian DiFrancesco
Atlas, Pa.
Patricia Ann Goetz Hazleton, Pa.
Kenneth Edward Hauser
River Vale, N. J.
Carl H. Hitchner Bridgeton, N. J.
H. Sheldon Horne Danville, Pa.
William Henry Kahl Johnstown, Pa.
Kenneth David Keib Scranton, Pa.
John B. Kind Harrisburg, Pa.
Constance Lou Leitner Selinsgrove, Pa.
Robert Raymond Lindemuth Atlas, Pa.
James Henry McDaniel, Jr. Milton, Pa.
Ronald Luther McGlaughlin
Beavertown, Pa.
Terry Lynn Moll Shamokin, Pa.
Elizabeth Ann Phillips
Atlantic Highlands, N. J.
Gerald Hill Porter West Chester, Pa.
John Henry Raab Glen Ridge, N. J.
Richard Emory Rohland
Plainfield, N. J.
David Monroe Smith Emporium, Pa.
Robert Alan Smith Seaford, N. Y.
John Henry Spillman York, Pa.
Roger Bruce Trexler Emmaus, Pa.
James McCutcheon Ward
Lynbrook, N. Y.
Maria Katherine Wernikowski
Johnson City, N. Y.
Eugene Howard Witmer Dalmatia, Pa.
Nita Louise Zimmerman
Orwigsburg, Pa.

Bachelor of Science (Music Education)

Judith Anne Blee, *cum laude*
Beavertown, Pa.
Bette Leota Davis Fanwood N. J.
Nancylee Dunster Bernardsville N. J.
Elliot Frederic Edwards Honesdale, Pa.
Diane Carol Hogeland
Feasterville, Pa.
William Hans Molin, III Ambler, Pa.
Susan Kelso Sload Glenside, Pa.
Alice Taylor Strayer Gettysburg, Pa.
Sandra Ruth Swab Harrisburg, Pa.
Peggy Jane Walters York, Pa.
Lloyd Joseph Wolf Sunbury, Pa.

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Gifts and Bequests

Susquehanna University has been strengthened during the years of its existence by the gifts and bequests of alumni and other friends who believe in and support its program of Christian higher education. To serve youth and the church in this day of higher education's increasing importance, the University must continue to depend upon such capital gifts as well as regular annual support from the Lutheran Church in America and its synods, the Alumni Loyalty Fund, the Women's Auxiliary, business, and industry.

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Athletics	*Director of Athletics*
Business Matters	*Controller*
Gifts and Bequests	*President*
Health Services	*University Nurse*
Placement	*Director of Placement*
Public Information	*Director of Public Information*
Publications	*Editor*
Religious Activities	*Chairman, Religious Life Committee*
Scholarships, Student Aid	*President*
Student Interests	*Dean of Students*
Summer Session	*Director of the Summer Session*
Transcripts, Academic Reports	*Registrar*

Visitors are welcome to the campus. Administrative offices are open Monday through Friday from 8:45 to 4:45 and on Saturday until 12. Applicants for admission are expected to make appointments in advance.

SUSQUEHANNA
UNIVERSITY
BULLETIN

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COVER: *Seibert Hall at Susquehanna University.*
Gouache painting by Hilda Karniol.

1. Calendar for 1964-65

1964

JULY

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1965

JANUARY

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JUNE

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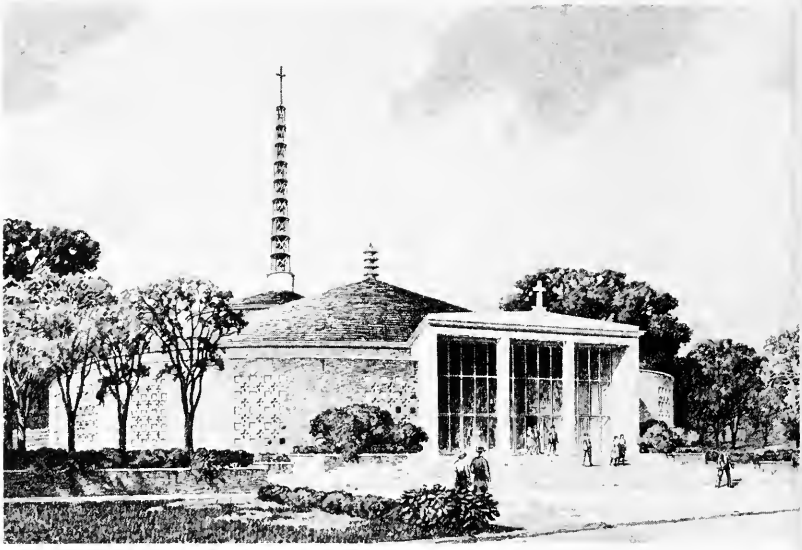
2. University Calendar for 1964-65

1964			First Semester
September	14	*Monday*	Orientation begins for freshmen and all other new students
September	16	*Wednesday*	Freshmen registration
September	17	*Thursday*	Upperclass registration
September	18	*Friday*	Opening Convocation
October	10	*Saturday*	Homecoming, holiday
October	24	*Saturday*	Parents Day
November	24	*Tuesday*	Thanksgiving vacation begins, 5:00 p.m.
November	30	*Monday*	Thanksgiving vacation ends, 8:00 a.m.
December	19	*Saturday*	Christmas vacation begins, 12 noon
1965			
January	4	*Monday*	Christmas vacation ends, 8:00 a.m.
January	18	*Monday*	Final examinations begin
January	23	*Saturday*	Final examinations end

1965			Second Semester
January	28	*Thursday*	Registration and Graduate Record Examinations
March	20	*Saturday*	Spring vacation begins, 12 noon
March	29	*Monday*	Spring vacation ends, 8:00 a.m.
April	15	*Thursday*	Easter vacation begins, 5:00 p.m.
April	20	*Tuesday*	Easter vacation ends, 8:00 a.m.
May	1	*Saturday*	Alumni Day
May	8	*Saturday*	May Day, holiday
May	24	*Monday*	Final examinations begin
May	29	*Saturday*	Final examinations end
May	30	*Sunday*	Baccalaureate Service
May	31	*Monday*	Commencement

Summer Session 1965

June	14	*Monday*	Registration for Summer Session
June	15	*Tuesday*	Summer Session begins
July	23	*Friday*	Summer Session ends



New Chapel-Auditorium planned for completion in 1965

3. Purposes and Objectives

SUSQUEHANNA UNIVERSITY was founded by leaders of the Lutheran Church in 1858 and remains in close affiliation with this church. It is supported in its purposes and objectives by the Central Pennsylvania Synod of the Lutheran Church in America.

Historically, Susquehanna has striven to inculcate in its students a sense of and respect for true scholarship permeated with a genuine Christian faith. To this end it has sought to provide for them adequate educational facilities and competent scholars as teachers who are vitally concerned with the creation of an atmosphere conductive to the growth of Christian character in all those within the University community.

Academically, Susquehanna is a Liberal Arts college with curricula in the arts and sciences leading to the Bachelor of Arts degree. In addition, however, it offers curricula leading to the Bachelor of Science degree in Music Education and in Business Administration. The University plans to limit itself, in the immediate future, to these three areas of study and through them to engender in its students an appetite for the kind and quality of learning that will prepare them for the professions, for the business world, and for further study in recognized graduate schools.

4. Introduction to Susquehanna

HISTORICAL SKETCH

SUSQUEHANNA UNIVERSITY had its beginnings as the Missionary Institute of the Evangelical Lutheran Church. The Institute was founded by the Reverend Dr. Benjamin Kurtz of the Maryland Synod, and the cornerstone for its first building was laid on September 1, 1858. Originally established to supply the need for more ministers, the institution has since broadened its scope to include the preparation of young men and women for other professions and postgraduate work, but it continues to emphasize the necessity of the Christian way of life in all true education.

In 1873 Missionary Institute became a pioneer in the field of coeducation by admitting women from the defunct Susquehanna Female College of Selinsgrove. In 1895 the corporate name of Missionary Institute was changed to Susquehanna University.

From the beginning the institution maintained a classical or collegiate department as well as a theological department. In 1882 music courses were established in the classical department and an independent music department was started in 1900. During this same year the business department was begun. All of these curricula continue to the present day except for the theological department which disbanded in 1933.

The history of Susquehanna might well be divided into four eras: 1858-1904, the formative years; 1905-1927, the age of expansion; 1928-1958, the period of consolidation; and, beginning with the advent of President Weber in February 1959, renewed expansion.

Presidents have been: Benjamin Kurtz, D.D., LL.D. (1858-1865); Henry Ziegler, D.D. (1865-1881); Peter Born, D.D. (1881-1893); Franklin P. Manhart, D.D., LL.D. (1893-1895); J. R. Dimm, D.D., LL.D. (1895-1899); C. W. Heisler, D.D. (1899-1901); John I. Woodruff, Litt.D., LL.D., *Acting President* (1901-1902); G. W. Enders, D.D. (1902-1904); J. B. Focht, D.D. (1904-1905); Charles T. Aikens, D.D. (1905-1927); Jacob Diehl, D.D., *Acting President* (1927-1928); G. Morris Smith, M.A., D.D., LL.D. (1928-1959); Gustave W. Weber, B.A., B.D., S.T.M., Th.D., D.D. (1959-).

LOCATION AND ENVIRONMENT

SUSQUEHANNA UNIVERSITY is located at Selinsgrove, Pennsylvania, a town of about 4000 inhabitants, 50 miles north of Harrisburg and five miles south of Sunbury, on a campus of 135 acres. Situated on the Susquehanna River in Snyder County, Selinsgrove is a pleasant, small town in one of the most beautiful river valleys in America.

Selinsgrove is reached by bus from Harrisburg or Sunbury, both of which are served by the Pennsylvania Railroad. In addition, the Harrisburg and Williamsport airports are served by Allegheny, Trans World, and United airlines. By automobile, Selinsgrove is approached from the north and south by Routes 11 and 15, from the west by Route 522, and from the east by Route 61.

ACCREDITATION

SUSQUEHANNA UNIVERSITY is fully accredited as a four-year liberal arts college by state and regional accrediting organizations, including the Middle States Association of Colleges and Secondary Schools, the Pennsylvania State Department of Public Instruction, and the Board of Regents of the University of the State of New York. Susquehanna is approved by the American Association of University Women and is a member of the National Association of Schools of Music.

Susquehanna is also a member of the Association of American Colleges, the American Council on Education, and the National Lutheran Educational Conference.

SUPPORT AND CONTROL

FINANCIAL SUPPORT is given Susquehanna by the Central Pennsylvania Synod and the Board of College Education and Church Vocations of the Lutheran Church in America. Additional funds derive from loyal alumni and friends, other synods, foundations, business and industry. Susquehanna cooperates with 42 other Pennsylvania Colleges in promoting the program of the Foundation for Independent Colleges, Inc.

Control of Susquehanna University is vested in a Board of Directors of 40 members. Eight of these — four clergymen and four laymen — are elected by the Central Pennsylvania Synod. Two are nominated by the Alumni Association.

FACULTY

THE PRESENT FACULTY of Susquehanna University numbers 88, including eight persons who serve on a part-time basis. In keeping with the

University's stated purpose and objectives, Susquehanna expects of its faculty members: (1) competent or superior training, (2) experience, (3) genuine interest in the individual student, (4) vital concern for the nurture of Christian character in all members of the University community.

STUDENT BODY

STUDENT REGISTRATION at Susquehanna for 1963-64 totaled 1049 students, representing 17 states, the District of Columbia, Canada, the British West Indies, Denmark and Korea. Traditionally, Pennsylvania is the home state of a majority of the students. Susquehanna students are generally known to be of serious purpose and good conduct, seeking to take advantage of their opportunities to develop scholarship, personality, leadership, and usefulness.

ALUMNI

WITH BEGINNINGS that date to 1884, the Alumni Association of Susquehanna University has nearly 4000 graduates and former students on its rolls. All the leading professions are represented with a number of Susquehanna alumni holding posts of particular prominence in the fields of business, education, religion, science, engineering, music, medicine, and law. Alumni are located in 46 states and many foreign countries.

The Alumni Association is governed by an elected body of officers and the Alumni Council. It sponsors an annual Alumni Loyalty Fund, publishes the quarterly *Susquehanna Alumnus,* and organizes alumni activities on the campus and in 21 district clubs.

WOMEN'S AUXILIARY

MORE THAN 3000 loyal women have banded themselves together to stimulate and support the welfare and progress of Susquehanna. Through the Women's Auxiliary, organized in 1922, these women have been responsible for raising funds for many worthwhile building and furnishing projects on the campus. The largest gift from the auxiliary totaled nearly $50,000 toward the construction of Heilman Music Hall. The auxiliary meets monthly during the academic year. Membership is open to all women who are interested in the University.

5. Campus and Facilities

On Susquehanna's attractive campus of 135 acres there are 30 buildings spanning a construction period of 105 years. Well-kept lawns, athletic fields, and some 1000 trees and shrubs of nearly 100 species add to its beauty the year around. Future development and construction of new buildings follow the logical, forward-looking master plan of a campus architect.

BUILDINGS

Selinsgrove Hall, the University's first building, was erected in 1858 largely through the generosity of the people of Selinsgrove. During the days of Missionary Institute, 1858-1895, it was the only building on the campus and contained a dormitory for men, classrooms, literary society halls, and a chapel. Now completely renovated, it houses administrative offices exclusively.

Gustavus Adolphus Hall, built in 1895, contains the student lounge, snack bar, and post office on the first floor, and a men's dormitory on the second and third floors.

Seibert Memorial Hall, a large, colonial-style building, was begun in 1901, later enlarged, and extensively renovated in 1960. It was named for the original donor, Samuel Seibert of Hagerstown, Maryland. The first floor includes reception rooms and social parlors, a chapel-auditorium, and Horton Dining Room. The second and third floors are dormitories for women. The ground floor contains the Campus Bookstore and additional dining facilities. The Möller three manual pipe organ in the chapel was presented by William A. Hassinger in memory of his wife, Mrs. Almeda M. Hassinger.

Steele Hall, completed in 1913, was named for one of the donors, Charles Steele. Originally constructed as a science building, it served this purpose for 50 years. In 1964, however, it is undergoing complete renovation to be used as a classroom building for the Business Division and the Departments of Psychology and Sociology.

Hassinger Memorial Hall, dedicated in 1921, is a three-story dormitory for men. The ground floor includes library stacks and several student activity rooms. The building was erected largely through gifts contributed by the family of Martin Luther Hassinger.

Alumni Gymnasium was constructed in 1935 to replace a building destroyed by fire. The main floor contains facilities for basketball, volleyball, badminton, indoor baseball and tennis, and gymnastics, as well as rooms for the physical education staff. On the ground floor are lockers and shower rooms. An addition completed in 1962 provides two large rooms for wrestling and general activities.

Bogar Hall, dedicated in 1951, contains general classrooms, lecture and seminar rooms, faculty offices, and Benjamin Apple Theatre with its stage, auditorium, workshop and storeroom. The building was erected partly with funds contributed during the Christian Higher Education Year appeal of the Lutheran Church. Outstanding donors were Jerry D. Bogar Jr. and his son, Guy M. Bogar, both alumni of Susquehanna.

Heilman Hall, the home of the University's Division of Music, was dedicated in 1958, its construction made possible largely through a substantial gift from Mrs. May Heilman Spangle of Williamsport, Pennsylvania. This particularly well-equipped building contains four classrooms, twenty individual practice rooms, ten instruction studios, a rehearsal hall, library and listening room, reception hall, and an office for the division head. The building was partially underwritten by Susquehanna's Women's Auxiliary and the synodical Centennial Appeal.

The Library, completed in 1958, is more than twice the size of the original library built 30 years earlier. Its facilities include several read-

University Library and Landes Gateway

Smith Hall and New Women's Residence

ing rooms and stack areas, carrels for private study, rooms for periodicals and reference material, and separate areas for cataloging, typing, record listening, microfilm reading, and reserve shelves. Offices and an archive room are located on the first floor. The book collection now numbers some 54,000 volumes not counting bound periodicals; nearly 4000 titles are added annually. Special collections include the Wilt bequest of works especially interesting to music students, and the Pennsylvania collection. In addition, the Snyder County Historical Society houses its collection in the Susquehanna library. Currently, the library receives 325 periodicals and nearly all the major indices. Open 69 hours each week, this facility serves as an integral part of classroom study and provides stimulating materials for undergraduates, faculty, and friends in the community.

Two new residence halls were occupied for the first time in 1961. *Smith Hall,* named for Dr. G. Morris Smith who was the University president 1928-1959, houses 148 women and three sorority rooms. *Aikens Hall,* named for Dr. Charles T. Aikens, Susquehanna president 1905-1927, houses 152 men. Sheldon and Aikens lounges in these residences were furnished by the Women's Auxiliary.

A third new residence hall, similar in design and sharing a common court and terrace with Smith Hall, was completed in 1963 and is occupied by 150 women.

The new *Science Building,* just opened in February 1964, provides up-to-date facilities for the teaching of the sciences integrated with liberal arts training. It contains 12 laboratories, eight classrooms, a conference room and library, animal room, balance room, darkroom, offices and research rooms for the Departments of Physics and Mathematics (first floor), Chemistry (second floor), and Biology (third floor). The ground floor features a 206-seat, theatre-type lecture hall.

The Health Center, formerly the home and office of Dr. Henry C. Benzenberg, provides complete facilities for Susquehanna's Health Service. The handsome, white brick building contains examining and treatment rooms, a drug room, waiting room, and office and apartment for the University nurses.

Pine Lawn is the house occupied by the President of the University. It was constructed in 1929.

The Cottage contains several faculty offices.

Auxiliary residences for women are located at 514 and 530 University Avenue; for men, at 301 University Avenue.

Nine residences on the campus are occupied by faculty and staff members.

Two fraternity houses, built in 1960, are located on the west campus. One fraternity house is at 308 University Avenue, and another at 309 University Avenue.

A new central heating plant, maintenance building, and laundry station also are located on the campus.

OTHER FACILITIES

Latimer S. Landes Memorial Gateway stands at the main, northeast entrance to the Susquehanna campus. It was erected in 1959 through the generosity of Mrs. Latimer S. Landes in memory of her husband, a prominent York, Pennsylvania physician who was president of the Class of 1911 and a member of the University's Board of Directors.

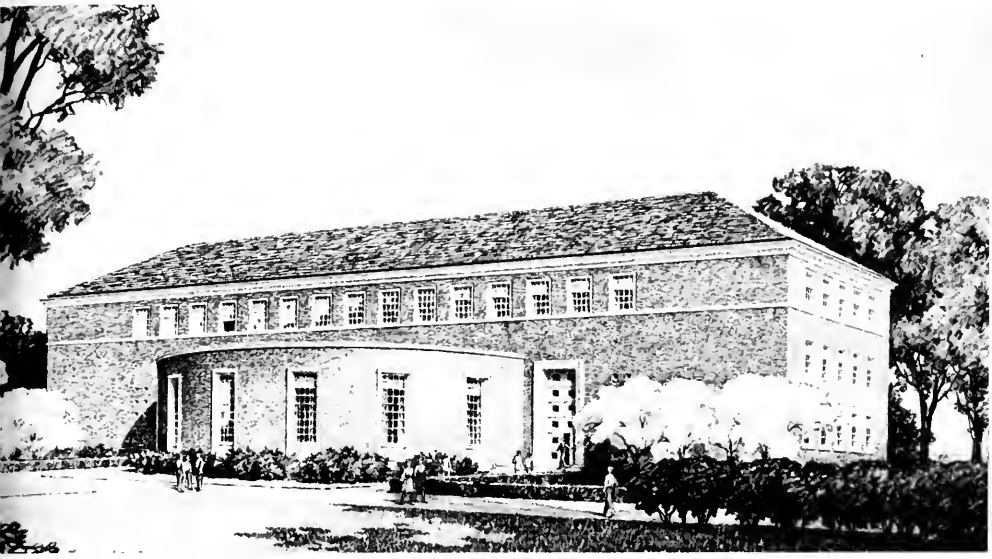
The Class of 1963 Gateway stands at the northwest entrance to the campus. It was given by the Class of 1963 at the time of its graduation.

University Field, located east of the gymnasium, includes two gridirons, permanent seating for 4400 spectators, baseball fields, four all-weather tennis courts, and a quarter-mile track with a 220-yard straightaway. Other playing fields are located on the west campus.

Women's Athletic Field, west of the gymnasium, includes fields for hockey and an archery range.

The Campus Bookstore, on the ground floor of Seibert Hall, is the source for text books, other reading matter to stimulate intellectual growth, school supplies and specialties.

A *Health Service* is operated under the direction of the University nurses, with the main dispensary located in the Health Center. The nurses and one of Susquehanna's University physicians are on duty at regular clinic hours each day. Their services are available to all students in the dormitories and fraternity houses for treatment of illness or injuries. In addition, temporary infirmary facilities are maintained for students housed in the dormitories.



New Science Building, opened February 1964

Health Center

The Susquehanna University Press, publishing since 1936 an annual journal of faculty research articles under the title *Susquehanna University Studies,* received official sanction in 1944. During the years since, more than twelve books have been published, including seven volumes of the *Studies.* The first full-length book was *Walk the Long Years,* a narrative of the Susquehanna Valley by Frederic Brush. Recent books were *The Story of Susquehanna University* by William S. Clark and Arthur H. Wilson, and *The Hawaiian Revolution (1893-94)* and *The Hawaiian Republic (1894-98)* by William A. Russ Jr.

TELEPHONES

SUSQUEHANNA UNIVERSITY'S telephone number is 374-2345. From 8:45 a.m. to 5:00 p.m. weekdays this number may be used to reach dormitories and all administrative offices except the Health Center (374-0126). Throughout the day and after hours, dormitories and fraternity houses may be reached at the pay station numbers listed.

DIRECTORY

Men's Dormitories

Aikens Hall, north wing 374-9722
south wing 374-9745
Gustavus Adolphus Hall, lounge 374-9941
second floor 374-9703
Hassinger Hall 374-9850

Women's Dormitories

Seibert Hall, first floor 374-9862
second floor 374-9811
Smith Hall, north wing 374-9830
south wing 374-9733
New Women's Dormitory, east wing 374-9643
west wing 374-9632

Fraternities

Lambda Chi Alpha, West Campus 374-9842
Phi Mu Delta, 308 University Avenue, first floor 374-9667
second floor 374-9698
Tau Kappa Epsilon, 309 University Avenue 374-8416
Theta Chi, West Campus, first floor 374-9755
second floor 374-9797

6. Student Life

RELIGIOUS LIFE

EDUCATION without religion is incomplete. Susquehanna stands for a steady and consistent cultivation of religious life. Each student is expected to attend the University chapel and the church of his choice regularly.

The Student Christian Association carries on a voluntary religious program throughout the year. By the example of their own lives, members seek to lead others to the full expression of their personalities and, through friendship, to acquaint new students with the ideas of college life.

SOCIAL LIFE

SUSQUEHANNA UNIVERSITY, a coeducational institution, seeks to supply a normal, natural development in refined and cultural surroundings. Social life is under the control of a faculty committee. All social events, with chaperons specifically named, must receive the approval of the faculty social committee.

STUDENT ORGANIZATIONS AND ACTIVITIES

THERE ARE SOME 40 student organizations on the Susquehanna campus. Most are listed on these pages under the heading of the general interest area. In addition, a number of temporary groups are organized each year to handle special activities. New organizations, formed from time to time to fill new needs, are required to have their constitutions and by-laws approved first by the Student Council, administration, and faculty. Changes in existing constitutions and by-laws must also be approved.

All college organizations (except those maintaining dormitories or dining halls) which collect dues or assessments or raise money otherwise for any purpose are required to keep their funds on deposit with the office of the Bursar, thus securing a complete and accurate accounting for all funds received and spent. This procedure is not designed to relieve the organization officers of any responsibility.

STUDENT GOVERNMENT

THE STUDENT COUNCIL serves as the students' governing instrument for directing and/or supervising student life at Susquehanna. It provides for student government on a democratic basis. All of its activities are under the guidance of the administration of the University.

The Student Council consists of 20 members in a ratio proportionate to the existing college enrollment. These officers are elected for a term of one year by the student body.

STUDENT PUBLICATIONS

THERE ARE three official student publications at Susquehanna, each fulfilling a specific function.

The Student Handbook serves as a guide and reference book to all new students. It is published annually by the Student Christian Association.

The Crusader is the official student newspaper of Susquehanna University. It is published weekly throughout the school year except for vacation and testing periods. The purpose of *The Crusader* is to serve as a college news source for students, faculty and administration, and to provide students of journalistic bent with an opportunity for expression and experience.

The Lanthorn, Susquehanna's yearbook, is issued annually by members of the junior class. It contains a record of college life portrayed by pictures, prose and poetry.

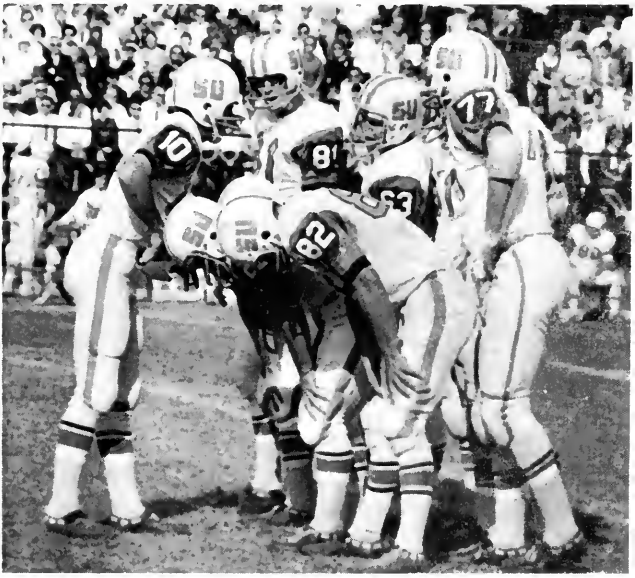
ATHLETICS

SUSQUEHANNA recognizes the important place which organized games and sports play in college life. The athletic program of the University, controlled by a faculty committee, is an integral part of the educational objective of the University.

Susquehanna is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Northern College Division, Middle Atlantic Conference. It fields intercollegiate teams for men in football, soccer, cross country, basketball, baseball, tennis, track, and golf. Women play intercollegiate field hockey and basketball.

Amateur standards are strictly maintained in intercollegiate sports. No scholarships are given for athletic ability alone. Athletes secure and retain academic scholarships by meeting the same scholastic standards which are required of all other scholarship holders.

Emphasis is placed on intramural games for both men and women. The Women's Athletic Association and the Men's Intramural Board organize and conduct the contests and the giving of awards. A large proportion of students who are not on varsity teams thus participate in the athletic program.



NATIONAL SOCIETIES

FIVE NATIONAL societies maintain active chapters at Susquehanna to strengthen interest and activity in certain areas.

Alpha Psi Omega is a national dramatic fraternity consisting of 198 chapters, organized for the purpose of providing an honor society for those performing a high standard of work in dramatics. Through the expansion of Alpha Psi Omega among the colleges of the United States and Canada, the fraternity provides a wider fellowship for those in the college theatre. The Susquehanna chapter, Theta Phi, was chartered in 1941.

Pi Gamma Mu is a national social science honor society consisting of 130 chapters with a membership of over 19,000, established to encourage and reward undergraduate interest in the social studies. The Pennsylvania Gamma Chapter at Susquehanna was established in 1927 and its membership includes members of the faculty, alumni and students. Members are selected on the following basis: evidence of special interest in social studies in which the student must have at least 20 semester hours with not less than a "B" average.

Sigma Alpha Iota is an internationally incorporated professional fraternity for women in the field of music. Membership is based upon scholarship (a "C-plus" average in music subjects and "C" in college courses), musicianship, personality and character. It is open to all music students. Its purpose is to promote high standards of professional performance and teaching as well as to further the development of music in America and in foreign countries. The Susquehanna chapter, Sigma Omega, was chartered in 1927 and is one of 119 college chapters in the United States.

Tau Kappa is a national athletic honorary fraternity for women. Upon earning a Junior Award in the Women's Athletic Association, a student is eligible for membership in Tau Kappa. The purpose of this fraternity is to maintain as well as increase the individual's interest in sports as a participant and as a spectator. The Beta Chapter of Tau Kappa was founded at Susquehanna in 1948.

Alpha Phi Omega is a national service fraternity composed of college and university men who are or have been affiliated with the Boy Scouts of America. The Susquehanna chapter, Xi Iota, was chartered in 1963.

SPECIAL INTEREST CLUBS

STUDENTS at Susquehanna may join a number of special interest organizations. Meetings, usually held monthly, feature special discussions, concerts, tours, and other programs to inform, instruct, and broaden the members' interest.

The Biemic Society is maintained to further the interests of students in biology, chemistry, and physics, and to present programs prepared by members or by guest speakers.

The Business Society is an organization of students enrolled in the department of Business Administration. The society endeavors to promote discussions of problems relating to education and business, to continue the building of a scholarship fund to aid worthy students, to inspire and encourage students to attain higher scholastic achievement, and to establish a closer fellowship among its members through social activities.

Beta Alpha Rho is made up of students interested in the classical languages and civilization. At its meetings phases of ancient classical literature and civilization are discussed.

The Susquehanna University Players is responsible for dramatic productions at the University. Its purpose is to give interested students an opportunity to perform before the public and to participate in the behind-the-scenes activities of presenting plays. Acting, stage work, make-up and some directing are done by members of the group.

The Student National Education Association — Pennsylvania State Education Association consists of students interested in teaching as a profession. This organization is primarily concerned with the professional growth of teaching candidates prior to their in-service experiences.

The Pre-Theological Club is composed of students of all religious denominations who are planning to enter church work. Meetings are held monthly with members of the faculty and the local clergy.

MUSICAL ORGANIZATIONS

EXPERIENCE in broadening musical performance, perception, and perspective is offered in the University Choir, Symphony Orchestra, and Marching and Symphonic Bands. Music students participate at the discretion of the directors of the organizations. Membership, by audition, is drawn from the entire student body.

The Symphony Orchestra, whose purpose is to foster interest in our heritage of truly great orchestral music, presents an annual spring concert including a varied program representative of a wide range of historical style and musical taste. Whenever possible, student soloists are featured in masterpieces of the repertoire.

The Marching Brass and Percussion offers opportunity for training marching bandsmen in the routine of intricate maneuver and drill formations. This group plays at home football games, certain away games, and other special events.

The Symphonic Band studies and performs standard overtures, suites, and symphonic movements of the great masters. Works by contemporary composers are also performed. Adequate technical facility, ability to read music readily, and a feeling for genuine interpretive skill are emphasized.

The University Choir presents concerts of sacred and secular music in churches and high schools in Pennsylvania and neighboring states. It also makes occasional appearances on television and the concert stage. In the Christmas and Lenten seasons the choir performs special music on the campus.

Heilman Music Hall

SOCIAL FRATERNITIES AND SORORITIES

THERE ARE four national social fraternities for men: Lambda Chi Alpha (Iota Eta chapter), Phi Mu Delta (Mu Alpha chapter), Theta Chi (Beta Omega chapter), Tau Kappa Epsilon (Iota Beta chapter). Each has an attractive home for its members.

There are three national social sororities for women: Alpha Delta Pi (Gamma Omicron chapter), Alpha Xi Delta (Gamma Kappa chapter), Kappa Delta (Beta Upsilon chapter).

These organizations have been granted certain privileges by the Board of Directors. A freshman may not be pledged to a fraternity or sorority if his scholarship index is below 2.20.

Freshman pledges will be permitted to become active members of fraternities or sororities provided their scholastic standing is satisfactory.

A student who has completed one full year's work in another college and is of sophomore standing may be rushed by a fraternity or sorority under the same rules that govern the rushing of freshmen.

West Campus Houses

The Interfraternity Council links the four national fraternities together as a general body. The Council's general duty is to act as a governing body over the social groups and to be specifically responsible for the formation, interpretation, and enforcement of fraternity policy.

The Panhellenic Council, composed of members of eligible sororities, is a forum for the discussion of problems and questions of interest in the college and fraternity world. The Council also governs sorority rushing and pledging, and sponsors independently and cooperatively a number of social functions.

CULTURAL OPPORTUNITIES

EACH DIVISION of the University annually brings to the campus outstanding programs in its particular area. The University-sponsored Artist Series offers to students the opportunity to hear, and often to meet informally, artists of stature in musical and other fields. The Division of Music presents a series of recitals by members of its faculty, and solo and ensemble programs are regularly given by students. An opera workshop, band, choir, and orchestral concerts, art exhibits, and theatrical productions are among the many cultural opportunities available.

HONORS AT GRADUATION

SENIORS having a scholarship index of 3.75 to 4.00 are graduated *summa cum laude*. Those with a scholarship index of 3.50 to 3.74 are graduated *magna cum laude*. Those with a scholarship index of 3.25 to 3.49 are graduated *cum laude*. Honors are announced at commencement exercises.

In order to graduate with honors, students must take four years of work under the supervision of Susquehanna University. Three of the four years must be on the campus. Due recognition but not graduation with honors will be given to other students who have done work of honors caliber while at Susquehanna.

PRIZES AND AWARDS

Stine Mathematical Prize. Through an endowment made by the Rev. H. M. Stine, Ph.D., D.D., of Harrisburg, Pennsylvania there is annually provided a prize of fifteen dollars to be awarded to a member of the sophomore class who has the highest average in the study of mathematics during the freshman and sophomore years. The conditions under which the prize will be conferred shall be subject to the regulations of the faculty.

Charles E. Covert Memorial Prize. By a bequest of $500 from the Alberta S. Covert estate, the Charles E. Covert memorial prize has been established to be awarded to a member of the junior class deemed to have exercised the most wholesome influence during his first three years. Elements of character, scholarship, attitude, and leadership will receive major consideration in awarding this prize.

Business Society Scholarship Trophy. A silver trophy cup, provided by members of the Class of 1950, is to be awarded for one year to that member of the freshman class in Business Administration who has attained the highest scholastic standing during his freshman year.

Chemistry Prize. A handbook of chemistry is awarded each spring to the outstanding freshman chemistry student.

Awards are annually made by the American Association of University Professors, American Association of University Women, The Wall Street Journal, The Pennsylvania Institute of Certified Public Accountants, and Susquehanna's Alumni Association, Student Council, and several other organizations. Also, recognition certificates are awarded to seniors for participation in and leadership in student publications and athletics. A proportion of Susquehanna seniors is annually selected for inclusion in *Who's Who in American Universities and Colleges.*

DISCIPLINE

IT IS EXPECTED that all students come to Susquehanna for serious study and that they will adjust themselves to its ideals and regulations. The University reserves the right to require the withdrawal of students whose

scholarship is unsatisfactory, and of those who for any other reason are regarded as not in accord with the ideals and regulations which the University seeks to maintain.

A student separated for non-academic reasons loses all credit for work done during the semester. In any case of reinstatement, the student will be on probation for one semester.

Intoxicating liquors are not allowed in students' rooms or fraternity houses. The detection of alcoholic liquors in any student's room or on his person will be held sufficient evidence to warrant his suspension from the University.

Drinking of intoxicating liquors, gambling, cheating, immorality, or similar breaches of discipline may be punished by suspension or expulsion from the University.

No firearms are permitted on the campus unless permission is secured from the Dean of Students.

HOUSING AND BOARDING FACILITIES

SUSQUEHANNA UNIVERSITY provides a number of residences for students on the campus, as described under BUILDINGS beginning on page 13. For the benefit of the entire campus community, certain regulations govern the use of University housing and boarding facilities.

All resident women, freshman and sophomore men, and students on academic probation regardless of class standing are required to room in University residences and all resident students are required to take their meals in Horton Dining Room. If there is insufficient housing for junior and senior men on campus, off-campus housing is available. Rules governing living in off-campus facilities are the same as those for a University-operated living center. The University reserves the right to place off-campus residents in University housing at its discretion.

Under certain conditions, junior and senior men may receive special permission from the Dean of Students to room and board in the town of Selinsgrove. Fraternity men desiring to live in fraternity houses also must have permission from the Dean of Students.

There are no resident facilities for married couples on campus and married students are not permitted to live in University housing. If a student marries during the academic year he must withdraw from University housing and no refunds will be made for the current semester's charge. A student marrying between semesters forfeits his spring semester charge. All students planning to marry during the academic year are requested to inform the Dean of Students prior to the wedding.

Room reservations are made by returning students during the first week in April, and must be accompanied by a deposit of $50. No refunds

will apply to reservations canceled after June 15. The University reserves the right to inspect all rooms and to close all residences as well as the dining room at stated times, such as during vacation periods.

Rooms in University residences are furnished with beds, springs, mattresses, wardrobes, chairs and tables. It is suggested that each student bring a good study lamp with him. Each student must supply his own sheets, blankets, pillow, pillowcases, rugs and towels. Linen rental service is available.

It is assumed that all students contracting for University rooms and board accept the responsibility of abiding by the rules and regulations, a copy of which must be signed by the resident student and by one of his parents if he is a minor.

Any student willfully destroying or defacing University property will be required to pay the cost of replacement or repair and may be subject also to a fine or dismissal from the University.

The University assumes no responsibility for loss or damage to personal property.

HEALTH SERVICE

SUSQUEHANNA requires a physical examination of each student before he enters the University. This is done by the physician of the applicant's choice and reported on a comprehensive form supplied by the University. Examination reports are studied by the University nurse, who makes special provision for students who need special attention, such as reduced schedules, excuses from physical education classes, and similar measures. The services of Susquehanna's Health Service are described on page 16.

While the educational program at Susquehanna constantly emphasizes the importance of good health habits, each freshman is required to take a special course in personal hygiene under the direction of the Department of Physical Education.

MOTOR VEHICLES

SPECIFIC CAMPUS REGULATIONS concerning the student possession, registration, and use of motor vehicles are distributed at the beginning of each academic year.

Beginning in September 1964 freshmen and sophomores are not permitted to have or drive motor vehicles on the campus or in Snyder County, with the exception of commuting students; and no student receiving a grant in aid from the University may be in possession of a motor vehicle on the campus or in Snyder County unless he can prove the need for such vehicle for the purpose of commuting, fulfilling a job, or practice teaching.

MILITARY SERVICE

REPRESENTATIVES of the armed service branches regularly visit the Susquehanna campus to interview students interested in special officer training programs to fulfill their military obligations. Most of these programs make it possible for the student to obtain a commission upon graduation from college.

EXCLUSION FROM THE UNIVERSITY

THE ADMINISTRATION reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable without assigning any further reason. In such cases the fees due or paid in advance to the University will not be remitted or refunded, in whole or in part. Neither Susquehanna University nor any of its officers shall be under any liability whatsoever for such exclusion.

7. Scholarships and Student Aid

About forty percent of the students at Susquehanna receive some sort of financial aid toward the cost of their education. This aid is given in the form of outright scholarships, work grants, discounts, loans, etc. Applications for financial assistance, other than for regular academic scholarships, are subject to the processing of the College Scholarship Service of the College Entrance Examination Board, Princeton, N. J. Specific information concerning scholarships and loans may be secured from the Business Manager.

ENDOWMENT SCHOLARSHIPS

1. *The Bodine Scholarship*, endowed by Dr. DeWitt Bodine of Hughesville, Pennsylvania, in the amount of $500. The annual interest of this sum as a scholarship is under the direction of the Council of Trinity Lutheran Church, Hughesville, Pennsylvania.
2. *The Brownmiller Scholarship* of $1000, established by the Rev. E. S. Brownmiller, D.D., and his son, the Rev. M. Luther Brownmiller, B.A., of Reading, Pennsylvania.
3. *The Bateman Scholarship* of $500, established by the Rev. S. E. Bateman, M.D., Sc.D., of Atlantic City, New Jersey, for the benefit of students of the Central Pennsylvania Synod.
4. *The Huyett Scholarship*, established by Mr. E. M. Huyett of Centre Hall, Pennsylvania, of $1000, to be given under the direction of the President of the University.
5. *The Bodine Scholarship* of $1000, established by Mrs. Emma B. Bodine of Hughesville, Pennsylvania, widow of Mr. DeWitt Bodine, in memory of her husband, who was a director of the University.
6. *The Duck Scholarship* in the amount of $1000, established by Mr. Henry Duck of Millheim, Pennsylvania, in memory of his wife.
7. *The Keiser Scholarship* in the amount of $1000, established by Mr. John A. Keiser of West Milton, Pennsylvania, in memory of his wife.

8. *The Wieand Scholarship* in the amount of $1000, established by the Rev. W. R. Wieand, D.D., of Altoona, Pennsylvania, in grateful remembrance of what Missionary Institute, now Susquehanna University, did for him in earlier years.
9. *The Mary L. Steele Scholarship* in the amount of $5000, established by the late Charles Steele of Northumberland, Pennsylvania. The income is to be used for the education of worthy students at Susquehanna University subject to nomination by the donor's family.
10. *The Lena Brockmeyer Scholarship* in the amount of $1000, established by check received from the Rev. G. L. Rankin, then treasurer of Pittsburgh Synod, of Wilkinsburg, Pennsylvania.
11. *The M. P. Möller Scholarship* in the amount of $5000, established by Mr. M. P. Möller of Hagerstown, Maryland.
12. *Class Gift Scholarship.* Class gifts from the graduating classes of 1914, 1930, 1931, and 1932 have made possible the establishment of a fund, the income from which makes available a scholarship annually for a person who has attained a high scholastic rank.
13. *The Women's Auxiliary Scholarship* in the amount of $2000, established in 1931, the income from which is to be used to aid a worthy student selected by the scholarship committee of the Susquehanna University Women's Auxiliary.
14. *The William H. Miller Scholarship,* established by William H. Miller of Stoystown, Pennsylvania, in the amount of $900. The annual interest on this sum is a scholarship under the direction of the administration of the University for the education of worthy young men preparing for the gospel ministry.
15. *The Misses Amanda and Elizabeth Smith Scholarship,* endowed in the amount of $1000, the income to be available for worthy students for the ministry.
16. *The Lillian V. Johanson Smith Scholarship,* established in 1943 by her sister, Miss A. E. Johanson, her brother, Dr. A. M. Johanson, and her husband, Dr. G. Morris Smith. The amount of the endowment is $2500, the interest from which is to be awarded from year to year to that needy student who, in the judgment of the scholarship committee, shows the marks of scholarly achievement coupled with dedication to the Christian spirit.
17. *The Abraham H. Heilman Scholarship* in the sum of $1000, established in 1945 by his son, William C. Heilman of Cambridge, Massachusetts.
18. *The Adeline Elizabeth Landes Scholarship* in the sum of $1000, established in 1945 by her son, Dr. Latimer S. Landes of York, Pennsylvania.

19. *The Sallie Burns Lenker Scholarship* in the sum of $5000, established in 1945 by Mrs. Sallie Burns Lenker of Dalmatia, Pennsylvania, for students of the Lower Mahanoy Consolidated School, Dalmatia, Pennsylvania. It is understood that recipients of this scholarship shall, upon achieving earning capacity, make in gratitude an appropriate contribution to the Sallie Burns Lenker Scholarship Fund.
20. *The Della Gramly Ocker Scholarship* in the sum of $1628.45, established by the will of Mrs. Della G. Ocker of Harrisburg, Pennsylvania, for worthy students of the ministry.
21. *The Business Scholarship*, endowed in 1946 by the Business Society of Susquehanna University in the sum of $2580, to aid worthy business students.
22. *The Thomas David Bittinger Scholarship* in the sum of $500, established January 29, 1947 by his father, Charles E. Bittinger, in memory of his son, a former student at Susquehanna University, who lost his life in World War II.
23. *The George B. Wolf Scholarship*, of $5000, established in 1947 from a portion of the bequest of this generous director of Susquehanna University, and under the direction of the administrative scholarship committee of the University.
24. *The Philadelphia Alumni Scholarship*, totaling $4824, established by the Philadelphia Alumni Association.
25. *The Rev. and Mrs. J. Frank Matter Scholarship*, established legacy in 1949 in the amount of $10,092.62, available to worthy ministerial students upon approval of the scholarship committee of the University.
26. *The Amos Alonzo Stagg Scholarship*, established in 1949, to be administered by the regular scholarship committee of the University.
27. *The Ner B. Middleswarth Scholarship*, established by a bequest from his estate received on August 15, 1950 in the sum of $500, the interest on which is to be used annually for the benefit of someone preparing for the gospel ministry.
28. *The Heilman-Spangle Scholarship*, established in 1950 by Mrs. May Heilman Spangle for ministerial students. The amount of the endowment is $10,000 and interest will be available annually to that student who possesses superior talent for the high vocation of the gospel ministry. Intellectual ability, moral and spiritual genuineness, personal presence, and capacity for effective public speaking shall be factors in making the award.
29. *The Ella Ritter Scholarship*, established in 1951 by a bequest of $2992.50, the interest from which is to be awarded to a young woman desiring to pursue a pre-medical course of studies.

Bogar Hall

30. *The Samuel J. Johnston Scholarship* of $5000, established by a legacy from the estate of his wife, Irene G. Johnston, in 1954, to be administered by the regular scholarship committee of the University.
31. *The Luther C. Peter Scholarship* of $5000, established in 1955 by Mrs. Carrie C. Peter in memory of her husband, to be administered by the regular scholarship committee of the University.
32. *The Mattie H. Deibler Scholarship* of $1000, established in 1955, to be administered by the scholarship committee of the University.
33. *The John A. Hoober Memorial Scholarship* in the sum of $20,000, established in 1951, by the will of his wife, Sarah A. K. Hoober, the income from which is to be used for the education of students from York County, Pennsylvania, and to be administered by the scholarship committee of the University.
34. *The Joseph L. and Greta Ray Scholarship* in the sum of $3833.45, established on January 20, 1956, interest from which is to be used to assist worthy pre-theological students during their freshman year.
35. *The Mr. and Mrs. Frank A. Eyer Scholarship* in the sum of $2000, established in 1956, the income from which is to be used for the

education of worthy students and to be administered by the scholarship committee of the University.

36. *The Carol Reidler-Bottiger Scholarship* of $6150, established in 1956, interest from which is to be used for the education of worthy students subject to the nomination of the donor's family.
37. *The H. Clay Bergstresser Scholarship* in the sum of $1000, established in 1956, to be administered by the scholarship committee of the University.
38. *The Krapf-Miller Scholarship,* currently of $3000, to be administered by the scholarship committee of the University. This scholarship was established in February 1961 by Dr. and Mrs. Bernard W. Krapf in memory of their former spouses.
39. *The Woodruff Alumni Scholarship* of $3000 to be administered by the scholarship committee of the University. This scholarship was established in October 1961 by alumni of the University and the late Dr. John I. Woodruff '88, then the oldest living Susquehanna alumnus.
40. *The May Sanborn MacDougall Scholarship* in the sum of $5000, the income from which is to be used for the education of worthy students, and to be administered by the scholarship committee of the University. This scholarship was established in January 1963 by the Board of Directors in grateful appreciation of the service rendered to the University by Robert E. MacDougall as Director of Development.
41. *The Dr. George H. Parkes Scholarship,* established by Dr. and Mrs. J. Paul H. Hively, of Williamsport, Pa., as an expression of appreciation for the inspiration received from Dr. Parkes, a leading Williamsport public educator, during many years of association. Recipients of the scholarship may be nominated by members of the donor's family.
42. *The Dauberman Scholarship* was established by Mrs. Harriet Dauberman to express appreciation for assistance given her daughters while students at Susquehanna University. The income from this scholarship is to be used to assist fatherless children attending the University.

OTHER SCHOLARSHIPS

Woodruff-Fisher Scholarships. Four of these scholarships are given each year by the Board of Directors in honor of Dr. John I. Woodruff and Dr. George E. Fisher, both members of the Class of 1888 and both former Susquehanna professors. Two of the scholarships are for full tuition

for four years; two are for half-tuition for four years. One in each category is reserved for a Lutheran student. These scholarships are awarded on the basis of the high school record and scores attained on certain tests of the College Entrance Examination Board. Inquiries concerning the scholarships may be addressed to the Director of Admissions.

Music Scholarships. Six scholarships of $250 each are offered annually in the performance areas of voice, piano, organ, and band and orchestral instruments. They are awarded on the recommendation of the Division of Music faculty on the basis of musical excellence and potential as demonstrated by audition, with general scholarship and character as contributing factors. These scholarships are renewable each year, subject to a review of the holders' progress and approval of the music faculty.

Business Scholarships. Six scholarships of $250 each are offered annually to students in the Business Division. Awarded on the basis of the high school record and College Entrance Examination Board tests, they are renewable each year, subject to a review of the holders' progress and approval of the business faculty.

Lutheran Brotherhood Scholarships. Through the generosity of the Lutheran Brotherhood Life Insurance Society, two $300 scholarships are made available each spring for the following year to Lutheran students in the junior class. They are awarded on the basis of outstanding scholarship, need, and good citizenship.

Weaver Memorial Classical Scholarships. These scholarships of $150 each are granted annually to male students of the classical languages who have attained high academic grades. They are awarded to a Lutheran member of each of the upper three classes, with preference given wherever possible to the previous recipient. The scholarships were established in 1960 by Rufus M. Weaver of Washington, D. C. in memory of his Lutheran forebears.

Fisher-Lubold Scholarship. An annual amount of $200 is to be used for aid to needy students, men or women, preparing for full or part-time Christian vocations exclusive of the ministry or the diaconate. The scholarship was established in 1960 by the Rev. and Mrs. R. L. Lubold of Selinsgrove.

Price Waterhouse Scholarships. Two one-year scholarships of $500 each are offered annually to students who plan to major in accounting in the Business Division. Awarded on the basis of the high school record and College Entrance Examination Board tests, they were established in 1963 by the Price Waterhouse Company, certified public accountants.

For Children of Pastors. Unmarried children of clergymen of the Lutheran Church in America are granted a credit of $150 toward their tuition cost.

For Pre-Ministerial Students. Needy students planning to enter the Lutheran ministry are normally eligible for a certain amount of financial aid from the synod of their membership. Inquiries concerning such aid should be directed to the appropriate board or committee of the synod.

Special. Many industries have special scholarship aid programs for the benefit of children of employees. Inquiries should be directed to the industry concerned.

WORKING POSITIONS AND SCHOLARSHIP GRANTS

OPPORTUNITIES for working positions on the campus are open alike to men and women students. The number of positions open each year varies. Opportunity for student employment is contingent upon the quality of the academic record maintained. Any upperclassman deserving such an opportunity should make application to the Business Manager before May 15.

Scholarship grants are awarded on the basis of ability, academic achievement, general deportment, and financial need. They will not be renewed when the holder falls below the scholarship index required for eligibility. These grants will be reduced or withdrawn if one or all of the following are unsatisfactory: deportment, scholarship and/or workmanship on assigned tasks.

A transfer student may not apply for a scholarship or financial assistance until he has completed one academic year at Susquehanna.

Veterans receiving government assistance are not eligible for these working positions and scholarship grants since the cost of their education is already substantially met by the Federal Government.

LOAN PROGRAMS

National Defense Student Loan Fund. In cooperation with the Federal Government, Susquehanna University has created a Government Loan Fund. All qualified students are eligible to borrow under this plan, although priority is given those preparing for the scientific and teaching fields.

The Roger Blough Loan Fund. This fund was established in 1959 through a substantial restricted gift from Dr. Roger M. Blough, Class of 1925. Under the terms of the Roger Blough Loan Fund, students who have satisfactory academic records and can demonstrate financial need may borrow up to $500 per year, repayable at reasonable interest rates beginning six months after leaving Susquehanna.

The Rev. C. B. King Scholarship. The sum of $2000 was established as a scholarship in 1952 by Mrs. Myrtle King Graham, daughter, and Mrs. Angie C. King Byers, wife, in memory of the Rev. Cleason Becker King, D.D., the interest on which is to be administered as a loan to worthy pre-theological students, to be repaid without interest.

The York-Hanover Alumni Club Loan Fund. The sum of approximately $4000 is set aside by the York-Hanover Alumni Club as a loan fund for needy students. It is administered by the scholarship committee of the University.

The Weaver Emergency Loan Fund. Under the terms of this loan fund Rufus M. Weaver of Washington, D. C. will make a limited number of small emergency loans to help needy upperclassmen meet their financial obligation to the University. Loans are repayable to Susquehanna University.

Installment Plan. Susquehanna endorses the plan of the Girard Trust Corn Exchange Bank of Philadelphia. Under this plan, educational charges are paid to the University by the bank with the parents making monthly reimbursement directly to the bank. An insurance feature of this plan assures completion of the student's educational costs in the event of the death of the parents. Many banks offer educational loans and interested persons may contact their local banks directly.

United Student Aid Funds, Inc. Students, above the freshmen level, who desire to finance part of their college cost on a deferred loan basis are eligible to apply for consideration by the USA Fund. Member banks in local communities offer deferred loans to students up to $1000 per year for a maximum of three years or a total maximum of $3000. The Fund, which is a non-profit foundation, will endorse bank loans of approved students, thus enabling needy students to participate actively in their own college financing. Information may be secured from the Business Manager.

8. Admission to Susquehanna

In determining an applicant's eligibility for admission, the Committee on Admissions examines evidence relating to the whole personality of the applicant. This evidence relates to his scholarship, his moral character and ideals, the general character or pattern of his study in high school, his purpose in attending college, his health, and other points of strength or weakness in his school preparation, personality, and general cultural background. Each applicant is considered first in relation to his chosen field of studies and the demands such studies will make upon him. It is assumed applicants are in sympathy with the ideals of the institution and the program of education it sponsors. No applicant is denied admission to Susquehanna because of race, creed, or national origin.

In selecting new students the University considers the following factors as important:

(1) The transcript of the applicant's secondary school record.

(2) Recommendation of the secondary school principal or headmaster, guidance director and teachers.

(3) Results of the College Entrance Examination Board tests.

(4) Personal interview.

PROCEDURE FOR APPLYING FOR ADMISSION

Application for admission should be made to the Director of Admissions on forms provided by the University. The application must be accompanied by a fee of $10 and may be submitted any time after the completion of the junior year in high school.

COLLEGE BOARDS

All applicants for admission as freshmen must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. The University also advises its applicants, for placement purposes, to take the Achievement Tests in mathematics and foreign language. Information regarding testing dates and centers may be secured from high school guidance officers or by writing to the College Entrance Examination Board, P. O. Box 592, Princeton, N. J.

ADVANCED PLACEMENT

SUSQUEHANNA UNIVERSITY participates in the Advanced Placement Program of the CEEB. Students who have taken advanced courses in secondary schools and who wish advanced placement must take the Advanced Placement examinations in order to be considered.

The University will waive the elementary course offerings and grant credit on the basis of performance on the examination, if requested. The decision will be at the discretion of the Dean of the University and the department involved.

All communications dealing with Advanced Placement should be addressed to the Dean, Susquehanna University.

TRANSFER STUDENTS

A STUDENT who wishes to transfer to Susquehanna University from another accredited institution should follow the regular procedure for admission. He must arrange to have all colleges attended send transcripts and letters of honorable dismissal to the Susquehanna Director of Admissions. This must be done whether the student plans to seek admission as a freshman or with advanced standing. Students seeking to transfer to Susquehanna with advanced standing must be in good standing at the college from which they are transferring and must be eligible to continue study at that college. A minimum cumulative average of "C" for the college work previously taken must be presented.

For those who can qualify for admission with advanced standing, credits earned at an approved institution will be honored, provided the courses taken are equivalent to those found in the Susquehanna curricula and carry a grade of "C" or better. See statement on residence requirements, page 52.

A transfer student may not apply for a scholarship or for financial assistance until he has completed one academic year at Susquehanna University.

THE INTERVIEW

ALL APPLICANTS for admission must confer in advance with a representative of the University and, if possible, should visit the campus. If the applicant cannot possibly arrange for an interview, the Director of Admissions must be notified.

Appointments for campus interviews must be made in advance. Interviewing hours are: weekdays, 9:00 a.m. to 11:30 a.m. and 1:00 p.m. to 4:00 p.m.; Saturdays, 9:00 a.m. to 11:30 a.m.

EARLY DECISION

AT SUSQUEHANNA, provision is made for those students who seek an early decision concerning admission. If the record, as of the end of the junior year, is of a superior nature and if the student has made a high score on the College Boards, the Committee on Admissions will grant the student a tentative decision. The student makes a down payment of $100 on tuition costs and a place is reserved in his particular class. Final

Gustavus Adolphus Hall

acceptance will depend upon the applicant's scholastic record during the senior year.

ADMISSION TO SUMMER SESSION

CANDIDATES for admission to the Summer Session who plan to earn a Susquehanna degree must first have their applications approved by the Admissions Committee. Recent high school graduates who have enrolled in other colleges will be admitted to the Summer Session, but should confer in advance with the college they plan to attend to make certain the credits earned will be transferable.

A limited number of superior students who have just completed the junior year of high school will be permitted to take courses in Summer Session upon the approval of the director.

SECOND SEMESTER ENTRANCE

ALTHOUGH SUSQUEHANNA does not admit a new class in the second semester, there are usually a few openings for new students who are mature enough to make the adjustment to college life. Such students should use the normal procedure of admission outlined above.

ENTRANCE REQUIREMENTS

A MINIMUM of 16 units is required if the student enters from a four-year fully-accredited high school or secondary school. The units should be distributed as follows: English, 4 units; foreign language, 2 units of one language; college preparatory mathematics, 2 units; history, 1 unit; science, 1 unit; electives to make 16 units.

Prior to final acceptance of any applicant in the music curriculum an audition will be arranged to determine basic aptitudes. The audition consists of a performance test in voice, piano, any other instrument the candidate is able to play, and a written test on the fundamentals of music. Decision will be based on the ability to sing and play accurately with good tone and rhythm, on evidence of two years of piano study, and on the ability to read at sight.

VETERANS

SUSQUEHANNA has been approved by the Veterans Administration to provide education under the Public Laws pertaining to veterans and the children of armed forces personnel who lost their lives in the service of their country.

Certificates of eligibility and entitlement should be presented before or at the time of registration. Veterans who come to college without certificates may make application after arrival through the office of the Registrar.

9. Costs

SUSQUEHANNA UNIVERSITY is a non-profit institution serving youth. The amount paid by the student does not meet the complete cost of his education. The contribution of the student is approximately 70 percent of the total cost. The balance is met by income from endowment, gifts from alumni and friends, and annual grants by the Board of College Education and Church Vocations, and the Central Pennsylvania Synod of the Lutheran Church in America. Susquehanna University endeavors to maintain a high standard of education at minimum cost.

REGULAR CHARGES

THE BASIC COST of a year at Susquehanna, as outlined below, is $1993 or $2023 for resident students, depending upon dormitory accommodations selected, and $1273 for non-resident students. To the total, applicable fees must be added. These amounts do not include travel, textbooks, laundry, or other personal expenses controlled by the student.

RESIDENT STUDENTS (Two Semesters)

		Per Year
Tuition (14-18 credit hours)*		$1100
Board		450
Room Rental	$ 270 or	300
Comprehensive Fee		150**
Health and Accident Insurance (estimated)		23
Total	$1993 or	$2023***
Damage Deposit		$ 25

*Applicable to students taking from 14 to 18 credit hours inclusive, per semester. Those taking less than 14 or more than 18 will be charged on the basis of $35 per credit hour.

**Applicable to all students taking 12 or more credit hours.

***Applicable to all resident students in all divisions.

ROOM RATES IN THE VARIOUS DORMITORIES

	Per Year
Men	
Aikens Hall	$ 300
Gustavus Adolphus Hall	270
Hassinger Hall	270
301 University Avenue	270
Women	
Smith Hall	300
New Residence	300
Seibert Hall, single and/or with bath	300
Seibert Hall, double	270
Smaller Residences	270

NON-RESIDENT OR DAY STUDENTS (Two Semesters)

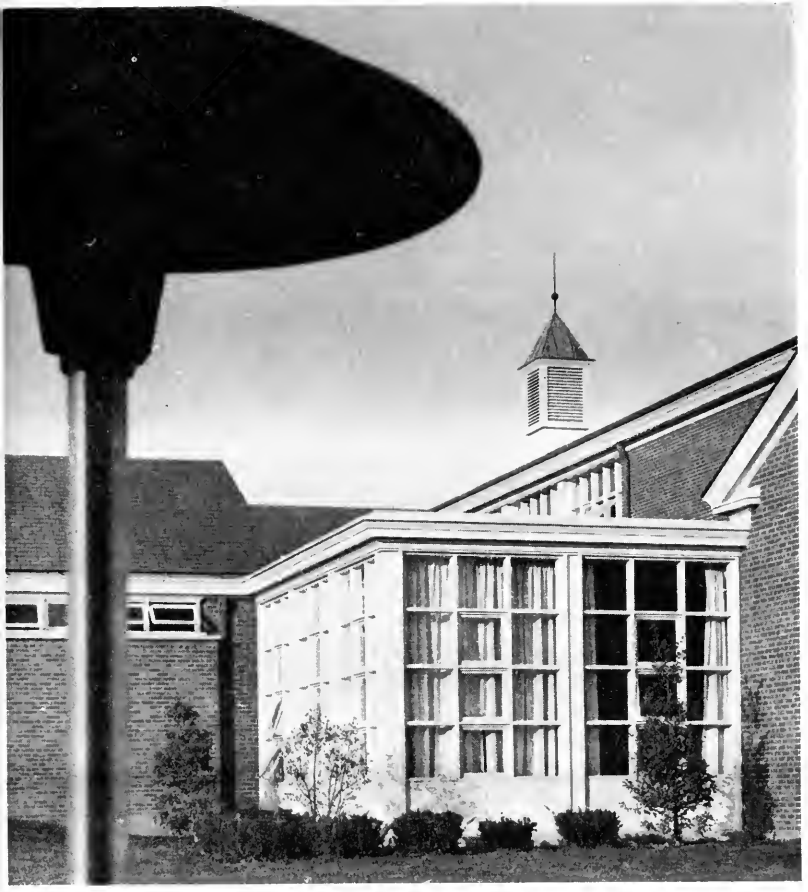
Tuition (14-18 credit hours)*	$1100
Comprehensive Fee	150**
Health and Accident Insurance (estimated)	23**
Total	$1273
Damage Deposit	$ 25

SPECIAL FEES

Machine accounting	$10.00 per semester
Botany, zoology, comparative anatomy, bacteriology, physiology, embryology and histology	15.00 per semester
Geology	15.00 per semester
Metallurgy	10.00 per semester
Freshman chemistry	25.00 per semester
Chemistry, not mentioned above	20.00 per semester
All typing courses	5.00 per semester
Experimental physics	10.00 per semester
Statistics	10.00
Experimental psychology	10.00
Developmental and remedial reading	10.00 per semester
Auditing a course	10.00 per semester hour
Observation and student teaching	5.00 per credit hour
Sophomore Graduate Record Examination	2.50
Senior Graduate Record Examinations	5.00
Transcript of record	1.00 each
Graduation fee, first semester of senior year	20.00

*For students taking less than 14 or more than 18 credit hours per semester, tuition is $35 per credit hour.

**Applicable to all students taking 12 or more credit hours.



Heilman Lounge

DAMAGE DEPOSIT

ALL STUDENTS, resident and commuting, will maintain a damage deposit of $25 on their accounts. This deposit will be carried as long as the student is enrolled at the University. Damage, breakage, or vandalism charged to students will be deducted from this deposit. It is necessary to maintain this deposit at all times at $25.

MUSIC FEES

TUITION for candidates for the degree of Bachelor of Science in Music Education includes one lesson per week in the field of concentration, one in a secondary field, and use of a practice room for two hours daily.

Tuition for candidates for the degree of Bachelor of Arts with a major in Applied Music includes two lessons per week per semester in the major field, and use of a practice room for two hours daily.

Lesson fees are not included in the tuition rate for candidates for the degree of Bachelor of Arts with a minor in music. These must be arranged for separately, along with the use of practice rooms.

The fee for any lesson not specifically referred to above under tuition rates is $45 for one half-hour per week per semester.

RENTALS

Organ, one semester, 6 hours per week	$30.00
Piano, one semester, 6 hours per week	6.00
Orchestra or Band instrument, one semester	7.00

ADMISSION COSTS

APPLICANTS for admission to Susquehanna University submit an Application for Admission form, requested from the Admissions office and returned to the same office when completed. A fee of $10 must accompany the Application for Admission. This fee, which partially liquidates the cost of processing, is non-refundable and non-applicable as a payment on the applicant's account.

The Director of Admissions will inform the applicant of the action of the Admissions Committee as soon as possible after receipt of application. An advance payment of $50 must be made to the Admissions office within 21 days from the date appearing on the letter of acceptance to the applicant. This payment completes enrollment, is credited to the student's first-semester account, and is not refundable.

It is essential that the student make the advance payment as specified above on time, otherwise he loses his place of sequence on the official registration list. Such displacement could mean exclusion from departments in which enrollment is limited. Placement will be determined by sequence in registration.

TERMS OF PAYMENT

ALL CHARGES and fees for the semester are due and payable prior to class attendance. Statements for the fall semester will be sent at least three weeks in advance of opening of classes; spring semester statements will be mailed in early January, and all necessary financial arrangements should be made promptly to facilitate completion of student registration.

No student will be permitted to take final examinations or to receive class grades until all financial obligations are met.

To facilitate matriculation, checks should be made payable to Susquehanna University and forwarded to the Business Office in advance of the student's arrival on campus. No student will be considered to have completed registration until all financial obligations have been satisfied with the Business Manager.

An extra charge of $10 will be added to accounts showing unpaid balances as of November 1 and April 1.

INSURANCE

THE UNIVERSITY requires each student taking 12 or more semester hours to carry health and accident insurance under a blanket coverage policy which assures liberal benefits at modest cost. The premium for this insurance will appear on regular semester statements. While coverage is for the academic year, the student may elect to purchase summer coverage also, at a slight additional cost. A folder outlining the insurance program is supplied to each student in advance of his arrival on campus.

TRANSCRIPTS AND GRADUATION

SATISFACTORY settlement of all bills and fees is required before graduation, and before semester grades or an honorable dismissal can be granted, or transcript of grades released. This includes obligations to the University, class publications, organizations, clubs, fraternities, and class assessments voted by a majority of a class in a regularly called meeting.

REFUNDS

NO FEES will be refunded at any time, except:

In case of protracted illness requiring the withdrawal of a student, board will be refunded beginning with the third week after his departure from campus. Charges for room are non-refundable. If a student returns at the beginning of a semester following an illness, any credit balance exclusive of fees, room, and board, may be credited to his account.

Students dismissed for unsatisfactory work or for infringement of University regulations will receive no refunds.

No refunds are given for courses dropped two weeks after registration day.

If a student withdraws from the University, the following policy is in effect regarding refunds: No enrollment fees are refundable. A minimum of $100 is not refundable if the student has been on campus less than 10 days. If the student has been on campus more than 10 days, $10 per day up to 30 days is not refundable. If the student has been on campus for longer than 30 days, no charges are refundable.

Selinsgrove Hall

10. Academic Procedures

REGISTRATION

AT THE BEGINNING of the college year each student will be given instruction concerning enrollment in classes and the payment of bills. A fee of $10 will be charged for any late registration. No student will be permitted to register later than one week after classes have begun.

Courses may be changed without charge during the first two weeks of the semester. Thereafter any course which is dropped *without* the permission of the Dean and the instructor will be recorded as a "WF" (withdrawn failure). The grade "WF" is counted toward the semester average the same as an "F". If the student has the necessary permission to withdraw from a course, the grade will then be recorded as a "W". A student who receives a grade of "F" in any course at Susquehanna may not repeat that course outside of the University unless permission is granted by the Dean or the Registrar.

A grade of "I" (incomplete) may be given when circumstances beyond the control of the student, such as serious illness, have prevented him from doing the work which was assigned. *Mere inability to get work in on time does not constitute a reason for a grade of "I".* Incomplete grades must be completed within two months, or the grade will be permanently recorded as an "F."

GRADING SYSTEM AND QUALITY POINTS

A	Excellent	4 quality points per credit hour
B	Good	3 quality points per credit hour
C	Average	2 quality points per credit hour
D	Unsatisfactory	1 quality point per credit hour
F	Failure	0 quality points per credit hour

SCHOLARSHIP INDEX

THE SCHOLARSHIP INDEX is determined by dividing the total number of quality points earned by the total number of attempted credits.

A student must attain a scholarship index of 2.00 (a grade of "C") in order to graduate. All students whose scholarship index is less than 2.00

may participate in extracurricular activities only at the discretion of the Student Standing Committee. The Committee also reserves the right to place needed restrictions on the student's academic program.

DEAN'S LIST

FOLLOWING each semester examination period the names of students who have made a 3.40 average for the preceding semester will be announced by the Dean.

SCHOLASTIC REGULATIONS

A STUDENT who fails to maintain a scholarship index of 2.00 (a grade of "C") shall be placed on scholastic probation. A student may be dismissed by the Student Standing Committee if he has been on probation for two successive semesters. Freshmen will be placed on probation if they have a scholarship index of less than 1.90 at the end of the first semester and less than 2.00 at the end of the second semester.

A student's normal schedule is 16 credit hours each semester. To carry more than 18 credit hours per semester, a student must have a scholarship index of 3.00 or better and must secure permission from the Dean or Registrar.

The minimum number of credit hours carried by regular students is 14 and the maximum 20. Any student carrying fewer than 14 credit hours a week will be considered a special student.

MAJORS AND MINORS

AS EARLY as possible, and not later than the end of the sophomore year, each candidate for the degree of Bachelor of Arts must choose one major field in which he intends to concentrate, and one minor field. In most fields, 24 credit hours constitute a major and 18 credit hours constitute a minor. The program of major and minor fields shall be arranged by the student in consultation with the Registrar and the faculty adviser in his chosen major field.

Liberal Arts students may choose a major or minor from: biology, chemistry, economics, English literature, French, German, Greek, history, Latin, mathematics, music, philosophy, physics, political science, psychology, sociology, Spanish.

There also are minors in theatre and English composition.

No major may be changed without the consent of the Dean and the department concerned.

At the end of the freshman year students in the Business Administration curriculum must choose a major field of specialization from: accounting, economics, finance, marketing and management.

Students majoring in the Music Education program follow a sequence of required courses and do not take majors or minors. Students in this curriculum may not do student teaching unless they have a "C" average in their field of specialization.

Students in Secondary Education must comply with the certification regulations in the state in which they plan to teach. See page 84 for Pennsylvania requirements.

No "D" grade will be counted towards a major. If a student fails to earn a satisfactory grade in a course, the course must be repeated to earn major credit.

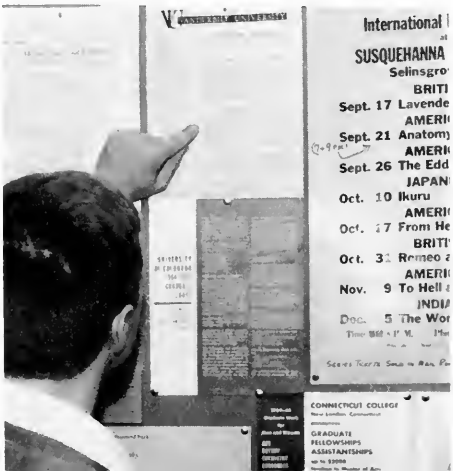
CLASSIFICATION OF STUDENTS

FRESHMEN will be given sophomore ranking upon the completion of 32 semester hours. Sophomores will become juniors upon the completion of 64 semester hours. Juniors will become seniors upon the completion of 98 semester hours.

GRADUATION REQUIREMENTS

SUSQUEHANNA UNIVERSITY offers curricula consisting of four years of college work leading to the Bachelor of Arts or the Bachelor of Science degree. These curricula provide a broad, liberal background which serves as the proper foundation for any of the learned professions or for specialization in graduate study. The degrees are conferred only after a student has satisfactorily completed 132 semester hours and a scholarship index of at least 2.00.

If for any reason a student has carried more than this number of semester hours required for graduation, he must present quality points equal to twice the total number of semester hours he has carried in



college. A student cannot graduate, regardless of the number of semester hours he has carried, unless he has also maintained an average grade of "C," or scholarship index of 2.00.

Each student will be responsible for keeping his own yearly record of the fulfillment of his graduation requirements, so that he may know at all times where he stands. The Registrar's Office will keep the official record and advise the student concerning it. Ultimate failure to meet any graduation requirement will be the student's responsibility.

TRANSCRIPTS

UPON GRADUATION or upon withdrawal before graduation, a student is entitled to one transcript of his college credits. Additional copies of the transcript are made available at one dollar each.

MINIMUM RESIDENCE REQUIREMENTS

TO BE ELIGIBLE for graduation, a student must complete the minimum residence requirement of no fewer than two years at Susquehanna. One of these two years must be the senior year, unless special action is taken by the faculty or a cooperative program is involved.

Under normal circumstances students must complete their requirements for graduation within six years after their initial matriculation. Special cases must have the approval of the faculty. Military service will be excluded from this six year period.

REPORTS

REPORTS of students doing unsatisfactory or failing work are made to the Dean of Students at intervals during the semester. Whenever a student does unsatisfactory or failing work, he will be asked to confer with the Dean of Students and his adviser. A letter also is sent to the parent or guardian. Final reports of the work of each student are forwarded to the parent or guardian at the end of each semester.

ATTENDANCE REGULATIONS

UNDER NORMAL circumstances the University requires regular class attendance on the part of all students. At the same time, it is recognized that there are occasions when this may not be feasible; therefore, all absences resulting from official University business or illness are normally considered as excused. In the former case, such absences are excused by the Dean of Students; in the latter, by a University Nurse. In addition, each student is granted unexcused absences in each course equal to the number of credit hours the course carries.

Benjamin Apple Theatre

In the interest of developing intelligent, responsible judgment on the part of the students, an exception to this procedure is made for all Dean's List students, who are allowed the privilege of unlimited absences. On the other hand, in the interest of academic achievement, students on probation are not permitted any unexcused absences.

The penalty for each excessive absence is one-third (⅓) extra credit added to the requirements for graduation. The Office of the Registrar is responsible for the application of such penalties on the permanent academic record of each student.

Each student is permitted five absences from chapel per semester. Chapel absences carry the same penalty as unexcused class absences.

No unexcused absences are permitted from examinations which have been announced at least one week in advance. The student is responsible to appear for such examinations at the appointed time.

When the student misses an examination for unexcused reasons, he is required to pay a fee of five dollars to the Office of the Bursar and must present a receipt to the instructor prior to taking a make-up examination.

Faculty members who sponsor athletic events, field trips or other student activities should submit a list of participating students, with the time of departure and return, to the Student Personnel Office at least three days prior to the activity. Such students are automatically excused from classes on the basis of official University business. However, they are responsible for arranging in advance with their instructors to make up work that will be missed. If participation seems to jeopardize scholastic success, the instructor notifies the student, his coach or faculty adviser, and the Dean of Students.

REVIEW OF STUDENT RECORDS

THE COMMITTEE ON STUDENT STANDING reviews the records of all students each semester. Particular attention is devoted to the records of those who have completed four semesters. If scholastic difficulty is indicated and there is grave doubt about a student's ability to finish his education successfully, the Committee will request either a change of curriculum or withdrawal from the University.

GRADUATE RECORD EXAMINATIONS

IN ORDER TO PROVIDE a further measure of academic attainment in both general education and individual major subject areas, all students are required to take the Graduate Record Area Examinations during their sophomore and senior years. In addition, each graduating student will take the Graduate Record Examination in his major field during his senior year.

SATURDAY CLASSES

THE UNIVERSITY operates on a schedule of five and one-half days per week. Monday through Friday, classes are scheduled from 8 a.m. to 6 p.m. Saturday classes are scheduled from 8 a.m. to 12 noon. Students, therefore, may expect to be scheduled for classes, laboratories, conferences, or private lessons at any time within these hours.

11. Guidance

SUSQUEHANNA has always maintained a faculty large enough to give personal attention to each individual student. It has, therefore, been possible to provide close personal guidance and counseling.

Susquehanna's policy is to provide personal attention for those who need it. Students who are capable of directing their own college studies and activities successfully are given opportunity to do so. Students learn by doing, and for those who do well nothing is so retarding as unnecessary supervision.

The Deans give special attention to failing students by holding personal interviews with them and keeping their parents informed of the progress of each case. When it is considered necessary, the student is referred to the Guidance Center.

At the end of each semester the complete records of failing students are reviewed by a faculty committee representing the main fields of study. At this review, reports from the faculty advisers are studied and the strengths and weaknesses of the students are evaluated. For those students who seem capable of improvement, the committee prescribes programs of studies, regulates their extracurricular activities, notifies the parents of the difficulties, and calls the attention of professors to these cases.

During the orientation program new students are given placement tests. An opportunity is given each student to confer with a member of the teaching staff to outline the work of the freshman year. Susquehanna believes in the basic philosophy that for successful college life there must be a continuous orientation program. Thus, a Learning Seminar is required for all freshmen. Students meet in small classes once a week for the first semester to receive guidance in such areas as effective study procedures, listening comprehension, examination techniques, note taking, and group leadership techniques.

The Registrar's Office maintains a central file in which all the students' records from various sources are collected.

Not later than the end of the sophomore year each candidate for the Bachelor of Arts degree is required to select the field in which he expects

to concentrate his work. This is expressed in a major and a supporting minor. When the selection of a major has been made, a professor in that department becomes the student's adviser and replaces the general adviser of the freshman and sophomore years. The major adviser guides the student's program of study for the remainder of his college course.

Candidates for degrees in the Music Education curriculum are not required to choose major and minor fields for specialization but follow the curriculum prescribed for their professional training under advisers appointed from this department.

A candidate for the degree in Business Administration chooses his major field at the end of the freshman year, but he is not required to choose a minor.

THE GUIDANCE CENTER

In addition to the large amount of counseling done by the administration and the faculty, the University maintains a Guidance Center under the supervision of a psychologist. Students may make appointments to obtain diagnostic testing and professional counseling for educational and vocational problems as well as problems of personal adjustment.

A variety of aptitude, interest and personal adjustment tests may be administered and the results discussed with the student in individual conferences with the psychologist. Personal counseling is available to any student on any matter.

PLACEMENT

The University maintains a placement service for its graduates. Although the University cannot guarantee placement for a candidate, it does make every effort to assist alumni and students completing their education to obtain positions. No fee is charged for this service, the only requirement being that the registrant must keep the office informed of his employment status.

COLLEGE GUIDANCE CLINIC

Through its Student Personnel Office the University operates a one-week, non-profit College Guidance Clinic in July for high school sophomores and juniors. The purpose of the clinic is to give high school students who plan to enroll in schools of higher learning an idea of what college is really like by attending actual classes and conferring with instructors and counselors. A brochure describing the clinic in detail is available from the Dean of Students.

12. Career Preparation

A COLLEGE EDUCATION is intended to enrich the student's cultural life and to prepare him to earn his living in a worthy profession. In many professions a rich cultural foundation, or general education, is the basis for later professional specialization. Susquehanna's curricula offer a wide variety of vocational choices and seek to prepare students in the areas of liberal arts, business and science.

LIBERAL ARTS

BESIDES being the core of the curricula of Susquehanna University and aiming to give a broad education, the Liberal Arts program opens to the student a variety of fields after graduation. The University prepares students for graduate work in the humanities and in the social sciences. A student with an outstanding record and a major of 24 to 36 credit hours will have no problem securing admission to the various graduate and professional schools. In all of these areas a broad, general education is a prerequisite. The student should be aware of the specific admission

requirements of the graduate or professional school he desires to attend. Also open to the Liberal Arts graduate are industrial positions and Government service in various fields.

Certain special areas beyond these for which Susquehanna's Liberal Arts curriculum prepares students are here noted.

MINISTRY

THEOLOGICAL SEMINARIES generally require a four-year college course for entrance. The American Association of Theological Schools has stated that the college work of pre-theological students should result in acquaintance with the world of today, in the ability to use certain tools of educated man, and in a sense of achievement. The ministry needs men of broad culture. To this end, the student preparing to enter the seminary should lay emphasis on the Liberal Arts program in college rather than on the courses commonly known as pre-professional. See page 62 for a suggested course outline.

THE DIACONATE AND PARISH WORK

SUSQUEHANNA was the pioneer in working out the "three-two" cooperative plan with the School for Church Workers in Baltimore. Under this arrangement young women who desire to enter the full-time service of the church as deaconesses or parish workers may receive the Bachelor of Arts degree by attending Susquehanna for three years and the School for Church Workers for two years.

The curriculum for the first three years follows the program for Liberal Arts with the exception of courses in religion, which will be taken at the Baltimore school. Students interested in this program should contact the dean of the School for Church Workers for specific information.

PUBLIC SCHOOL TEACHING

SUSQUEHANNA has an outstanding record in the education of successful teachers and administrators. Its graduates in large numbers are serving as district superintendents, county superintendents, and principals. Programs are offered in Secondary Education and Music Education. For further details see page 84.

MUSIC

THE UNIVERSITY offers a program in Music Education preparing the student for public school teaching, and another in Applied Music for those students interested in the more specialized aspects of individual performance. Each of these programs is flexible and concerned with a basic

core of musical activity, so that either can be adapted to a wide variety of specific interests. The student interested in church music, music therapy, or graduate specialization, for instance, can make, with his adviser, such adjustments as will fit his special interests. For further information on the Music Education program see page 65 and on Applied Music see page 62.

SCIENCE AND MATHEMATICS

SUSQUEHANNA UNIVERSITY offers majors in chemistry, physics, biology, and mathematics. All of the science curricula seek to retain as much of a broad general education as possible while presenting the fundamental laws and principles and their practical and industrial applications. The student thus has opportunity to develop strong scientific foundation for industrial work, teaching, and further professional study or graduate work.

MEDICINE AND ALLIED FIELDS

SCHOOLS OF MEDICINE and other, similar, professional schools have a high regard for the graduate who has been prepared and recommended by the Susquehanna faculty. These students, almost without exception, have succeeded in the professional schools and are serving their professions with distinction in many parts of the United States and abroad.

Students planning to go on to medical school are advised to major in chemistry and biology and to take at least 6 hours in mathematics and at least 8 hours in general physics.

In addition, after graduation students are prepared to pursue further study toward careers in dentistry, optometry, physical therapy, laboratory technology, and veterinary medicine. They should consult catalogs of the professional schools of their choice well in advance of graduation.

ENGINEERING

SUSQUEHANNA has a cooperative arrangement with the University of Pennsylvania whereby a student may take three years of pre-engineering at Susquehanna and, on the recommendation of his faculty adviser, will be accepted for two years of engineering at the University of Pennsylvania. At the end of the five-year course he will receive two degrees, the Bachelor of Arts from Susquehanna and the Bachelor of Science in his branch of engineering from the University of Pennsylvania.

Under this plan, a student who meets the transfer requirements at the end of his three years at Susquehanna will transfer into the junior class of

the University of Pennsylvania. There he will study chemical, civil, electrical, mechanical, or metallurgical engineering.

Students who are interested in entering this five-year course must make the necessary arrangements with the pre-engineering adviser when they register for the freshman year. Candidates in each branch of engineering will follow specific programs during their three years at Susquehanna.

BUSINESS ADMINISTRATION

SUSQUEHANNA UNIVERSITY offers specialized training for those young men and women who desire to enter business as a vocation. Preparation leading to the degree of Bachelor of Science in Business Administraiton is given in the fields of accounting, advertising, banking, insurance, personnel work, sales, statistics, and government service. All candidates for the degree must satisfy the requirements for one of the four major areas listed and also the requirements for graduation as described on page 64.

In the freshman and sophomore years all candidates will follow the schedule of courses as outlined on page 65.

Majors are offered in accounting, economics, finance, and marketing and management. Business Administration students select their major field of concentration when registering for the sophomore year.

Additional courses must be taken to complete the requirements for graduation as outlined on page 64 for a total of 132 credit hours (62 in business subjects and 70 in general education courses). The student will select the necessary elective hours in consultation with his adviser.

Students who are interested in becoming certified public accountants should consult their faculty adviser for individual state requirements.

THE INTERNSHIP PROGRAM

A six-week accounting internship program has been developed at Susquehanna University through a working arrangement with these Certified Public Accounting firms: In New York — Price Waterhouse and Company; Haskins and Sells; Peat, Marwick and Mitchell; Touche, Ross, Bailey and Smart. In Philadelphia — Lybrand Ross Bros. and Montgomery; Ernst and Ernst. In Harrisburg — Main, Labrentz and Company.

This internship serves as special training for selected accounting majors and gives the student an opportunity to gain first-hand experience in the profession.

Eligibility for participation in the program is based on the student's scholarship index and recommendation of the coordinator.

13. Requirements for Degrees

BACHELOR OF ARTS

SUSQUEHANNA, a Liberal Arts college, seeks to give a rich cultural training to its students. During the first two years of college the student should lay broad foundations in the general cultural courses so that in his junior and senior years he may concentrate on the more specialized programs required for the various professions.

The course requirements for the Bachelor of Arts degree, in semester hours, are as follows: English, 12 hours; one foreign language, 12 hours; laboratory science or mathematics, 6 or 8 hours; history of civilization, 6 hours; American history, 6 hours; Bible and religion, 8 hours; psychology, 6 hours; personal hygiene and physical education, 6 hours.* These required courses total 62 or 64 semester hours. In addition, the student will choose elective courses to bring the grand total required for graduation up to 132 semester hours, including 4 hours in physical education, for which he receives no quality points.

The program of work for the first two years of Liberal Arts is described on the following pages.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
History of civilization	3	History of civilization	3
Old Testament	2	New Testament	2
Personal hygiene or elective	2	Personal hygiene or elective	2
Physical education	1	Physical education	1
	17		17

*Pre-medical, pre-engineering, science, and mathematics majors are required to take 6 hours of history and 3 hours of general psychology.

SOPHOMORE YEAR

First Semester		*Second Semester*	
English, American, or classical literature in translation	3	English, American, or classical literature in translation	3
Christian faith	2	Christian ethics	2
Foreign language	3	Foreign language	3
Science or mathematics	3	Science or mathematics	3
General psychology	3	Psychology*	3
American history*	3	American history*	3
Physical education	1	Physical education	1
	18		18

In the junior and senior years the student will complete any general course requirements still outstanding and specialize in the major and minor fields of his choice.

Pre-theological students should follow the program outlined by the American Association of Theological Schools, selecting courses to include the following: religion, 8-12 hrs.; education (at least history of education) 4-6 hrs.; English (including public speaking and advanced composition) 12-15 hrs.; history (including ancient and medieval) 8-12 hrs.; language (at least one of the following: Latin, Greek, German) 12-16 hrs.; natural sciences (preferably a course in one of the physical and one of the biological sciences) 12-16 hrs.; philosophy (at least introduction to philosophy and courses in history of philosophy) 8-12 hrs.; psychology (at least general and educational) 4-6 hrs.; social sciences (at least two of the following; economics, sociology, government, social psychology) 12-16 hrs. In addition, students must select a liberal arts major and meet all departmental requirements.

Pre-theological students who have not received credit for high school Latin shall, except under unusual circumstances as determined by the Dean, fulfill their language requirements with this language. Others are advised that seminaries prefer either Greek or German and they should plan to fulfill their requirement with one of these. The study of more than one of these languages is strongly recommended.

BACHELOR OF ARTS (Applied Music)

THE PROGRAM for the Bachelor of Arts candidate majoring in applied music is:

*Candidates for the teaching profession in Pennsylvania should take educational psychology and history of United States and Pennsylvania.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Music literature	3	Music literature	3
Old Testament	2	New Testament	2
Applied music	2	Applied music	2
Eurythmics	1	Personal hygiene	2
Folk dancing	1		
	18		18

SOPHOMORE YEAR

First Semester		*Second Semester*	
English, American, or classical literature in translation	3	English, American, or classical literature in translation	3
Foreign language	3	Foreign language	3
Theory II	3	Theory II	3
History of civilization	3	History of civilization	3
History and music literature	3	History and music literature	3
Physical education	1	Physical education	1
Applied music	2	Applied music	2
	18		18

JUNIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3	Science or mathematics	3
General psychology	3	Conducting	3
Conducting	3	Theory and literature	3
Theory and literature	3	Applied music	2
Applied music	2	Christian ethics	2
Christian faith	2	Electives	3
	16		16

SENIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3-4	Science or mathematics	3-4
American history	3	American history	3
Recital	4	Recital	4
Electives	3-4	Electives	3-4
	13-15		13-15

BACHELOR OF SCIENCE (Business Administration)

THE BACHELOR of Science degree is awarded to those who finish the course in Business Administration and complete one of the four fields of major concentration.

The general course requirements in Business Administration in terms of semester hours are: English, 9 hours; American government, 6 hours; American history, 6 hours; principles of sociology, 3 hours; Bible and religion, 8 hours; general psychology, 3 hours; science, 8 hours; college algebra, 3 hours; personal hygiene and physical education, 6 hours (1 hour of physical education in the junior year).

The required general courses total 52 semester hours. In addition, 18 semester hours must be elected in general education, and 62 semester hours are required in the fields of Business Administration and Economics. This makes a total of 132 semester hours, the number required for graduation.

The 62 hours which are required in Business Administration and Economics must include the following: principles of economics, 6 hours; business statistics, 3 hours; mathematics of business and finance, 3 hours; accounting, 6 hours; business law, 6 hours; business management, 3 hours; and 35 additional hours elected from courses in the Division of Business. Typewriting credit toward this degree is limited to 4 semester hours. Credit in shorthand is limited to 6 semester hours. Those majoring in Economics are not required to take mathematics of business and finance.

Students planning to enter the fields of accounting, salesmanship, merchandising, finance, personnel administration, federal civil service, or other specialized fields of business, should arrange their electives in consultation with their advisers.

The program for the first two years of Business Administration is as follows:

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Mathematics of business and finance*	3	General psychology	3
Business law	3	Business law	3
Elementary accounting	3	Elementary accounting	3
Science	4	Science	4
Physical education	1	Personal hygiene	2
	17		18

*Not required of students majoring in Economics and those who pass the Mathematics placement examination.

SOPHOMORE YEAR

First Semester		*Second Semester*	
American history	3	American history	3
Economics	3	Economics	3
Business management	3	English or American literature	3
Algebra	3	Statistics	3
Old Testament	2	New Testament	2
Physical education	1	Physical education	1
Sociology or elective*	3	Sociology or elective*	3
	18		18

In the junior and senior years, the student will complete any general course requirements still outstanding and will specialize in one of the four fields of major concentration (Accounting, Marketing, Economics, Finance) as outlined on page 71.

BACHELOR OF SCIENCE (Music Education)

THE DEGREE of Bachelor of Science in Music Education is awarded to those students who complete 132 semester hours in the music curriculum which has been approved by the State Council on Education for the preparation of teachers of Music Education in Pennsylvania.

The four-year program follows. See MUSIC, page 104.

FRESHMAN YEAR

First Semester		*Second Semester*	
English composition	3	English composition	3
Foreign language	3	Foreign language	3
Theory I	3	Theory I	3
Introduction to music literature	3	Introduction to music literature	3
Old Testament	2	New Testament	2
Eurythmics	1	Personal hygiene	2
Folk dancing	1	Applied music	2
Applied music**	2		
	18		18

*Intermediate accounting is required for majors in Accounting.

**See APPLIED MUSIC, page 107.

SOPHOMORE YEAR

First Semester		*Second Semester*	
English literature	3	English literature	3
History of civilization	3	History of civilization	3
Theory II	3	Theory II	3
History and music literature	3	History and music literature	3
Public speaking	3	Methods (elementary vocal)	3
Applied music	2	Applied music	2
	17		17

JUNIOR YEAR

First Semester		*Second Semester*	
General psychology	3	Educational psychology	3
Social foundations of education	3	Theory and literature	3
Theory and literature	2	Conducting (instrumental)	3
Conducting (choral)	3	Methods (instrumental)	2
Methods (secondary vocal)	3	Christian ethics	2
Christian faith	2	Applied music	2
Applied music	2	Elective	1
	18		16

SENIOR YEAR

First Semester		*Second Semester*	
Science or mathematics	3-4	Science or mathematics	3-4
Orchestration	3	U. S. and Pennsylvania history	3
Student teaching and conference	3	Student teaching and conference	3
Applied music	2	Applied music	2
Electives	2-1	Electives	2-1
Physical education	1	Physical education	1
	14		14

A candidate for the degree of Bachelor of Science in Music Education may, upon completion of an additional year of one foreign language, one year of mathematics, and an additional semester of American history, become eligible for the degree of Bachelor of Arts with full certification for teaching in the public schools of Pennsylvania.

14. Courses of Study

SUSQUEHANNA OFFERS some 300 separate courses in 28 fields. The courses are arranged in five Academic Divisions and listed alphabetically by subject matter in the pages which follow.

THE ACADEMIC DIVISIONS

LANGUAGE AND LITERATURE (DR. BARLOW, *chairman)*
- English (DR. RAHTER, *head of Department)*
- Classical Languages (DR. BARLOW, *head of Department)*
- Modern Languages (DR. GILBERT, *head of Department)*
- Art

NATURAL SCIENCES AND MATHEMATICS (MR. DEMOTT, *chairman)*
- Biology
- Chemistry
- Physics
- Mathematics
- Geology and Geography

SOCIAL STUDIES (DR. MAILLOUX, *chairman)*
- History and Political Science (DR. REUNING, *head of Department)*
- Sociology and Anthropology (MR. STEVENS, *head of Department)*
- Psychology (MR. BOSSART, *head of Department)*
- Education (MR. BASTRESS, *head of Department)*
- Religion and Philosophy (DR. LOTZ, *head of Department)*
- Physical Education (MR. GARRETT, *acting head of Department)*

BUSINESS (MR. INNERS, *chairman)*
- Business Administration
- Economics
- Accounting

MUSIC (MR. BILLMAN, *chairman)*
- Music Education
- Applied Music

THE COURSES

Courses with odd numbers normally are given in the first semester; those with even numbers, in the second semester. Primarily, courses in the 100 series are introductory; in the 200 series, intermediate; in the 300 and 400 series, advanced courses for majors and minors. Those in the 500 series are seminars generally open only to departmental majors.

All hyphenated courses must be taken for the full year. Students may not enter a hyphenated course in the second semester unless the first semester has been satisfactorily completed. In the case of all other two-semester courses either may be taken although it is advisable for students to take the complete year. The granting of credit for the first semester alone is left to the discretion of the department.

Prefix numbers (preceding the colon) indicate the department. For easy identification, these are the codes used:

1 Art	9 Education	17 Russian
2 Biology	10 English	18 Spanish
3 Business Administration	11 Geology and Geography	19 Music
4 Business Education	12 History	21 Philosophy
5 Chemistry	13 Political Science	22 Physical Education
6 Greek	14 Mathematics	23 Physics
7 Latin	15 French	24 Psychology
8 Economics	16 German	25 Religion
		26 Sociology

ART

Mrs. Karniol
Miss Potteiger
Mr. Tamke

1:103 Art Appreciation — Ancient and Medieval

A general survey of sculpture, painting and architecture in Ancient Egypt, Mesopotamia, Asia Minor, Greece, Italy, and Northern Europe. The most important factors that have influenced the arts, such as religious belief, social, economic, political factors, geography, and climate will be studied. The purpose of this course is to supply elementary equipment for critical appreciation and the development of artistic taste.

Two hours. Two credits.

1:104 Art Appreciation — Renaissance Through Modern Times

A survey course designed to introduce the student to the history of painting, sculpture, and allied arts from the Renaissance to the present. The various schools of painting in Italy are studied together with the works of the master

artists of Holland, Belgium, Spain, France, Germany, England, and America down to the art of today. This course is designed to develop fundamental principles of critical judgment.

Two hours. Two credits.

1:111 Oil Painting I

A studio course introducing the fundamental skills and techniques for the planning and execution of art through the medium of oil painting. Applied work in drawing, color, composition, and painting.

Two hours. Two credits.

1:112 Oil Painting II

Development of the student's painting skills from conservative realism to more contemporary concepts, composition, and a personal interpretation of nature. Prerequisite: 1:111.

Two hours. Two credits.

1:211, 212 Advanced Oil Painting

Further development of painting skills with concentration on the student's own creative expression. Prerequisites: 1:111, 1:112.

Two hours each semester. Two credits each semester.

1:222 Advertising Art and Layout

An introduction to design and production in the graphic arts. Applied studio problems in planning and making posters, brochures, and booklets, with particular attention to layout, typography, and the use of illustrations.

Two hours. Two credits.

BIOLOGY

MR. DEMOTT
DR. PRESSER
MR. FULGHUM
MR. BOONE

Students majoring in Biology must complete 24 hours including 2:101-102, 2:201, and 2:202. 2:101-102 and 5:101 are prerequisite to all advanced courses in Biology. Students majoring in Biology must also minor in Chemistry including 5:101,5:102 and 5:201,202 and must present the equivalent of 14:101 and 14:102. Biology majors expecting to do graduate work must consult their advisers concerning additional requirements.

2:101-102 General Biology

A consideration of the general principles of biology. The first semester is devoted to the plant kingdom with emphasis on the seed plant. The second semester is devoted to the animal kingdom with emphasis on the vertebrates.

The student is introduced to heredity, embryology and evolutionary theory. Prerequisite to all advanced biology courses.

Three hours lecture, two hours laboratory each semester. Eight credits.

2:201 Plant Morphology

A study of the structure and life history of representative plants from each division of the plant kingdom demonstrating classification characteristics.

Three hours lecture, three hours laboratory. Four credits.

2:202 Invertebrate Zoology

A survey of the invertebrate animal phyla from the protozoa through the echinoderms. The anatomy, physiology and phylogenetic relationship of representative forms will be stressed.

Two hours lecture, six hours laboratory. Four credits.

2:301 Embryology

A comparative study of the normal development of the vertebrates. Prerequisite: 2:202.

Two hours lecture, six hours laboratory. Four credits.

2:302 Comparative Chordate Anatomy

A comparative study of chordate anatomy. Prerequisite: 2:301.

Two hours lecture, six hours laboratory. Four credits.

2:321 Microbiology

An introduction to the morphology, physiology, and taxonomy of microorganisms with emphasis upon the bacteria and related taxa. Basic bacteriological techniques are emphasized in the laboratory. Prerequisite: 2:201, concurrent registration or completion of 5:201,202.

Three hours lecture, four hours laboratory. Four credits.

2:311 Genetics

An introduction to the study of genetics. Prerequisites: 2:101-102 and 2:111-112.

Three hours lecture, two hours laboratory. Four credits.

2:401 Physiology

An introduction to the fundamental processes which maintain living organisms in a dynamic state with emphasis at the sub-cellular and cellular levels and

correlated with tissue and organ physiology. Prerequisites: 2:101-102, 2:201-202 and 5:201,202.

Three hours lecture, three hours laboratory. Four credits.

2:402 Histology

A study of the microscopic anatomy of the tissues and organs of mammals with a consideration of methods of preparing animal tissues for microscopic study. Prerequisite: 2:302.

Two hours lecture, six hours laboratory. Four credits.

2:420, 421 Problems in Biology

An introduction to methods and techniques involved in biological investigation. Individual students under the direction of a staff member are encouraged to work on problems in which they are especially interested. Admission with consent of the instructor.

A conference and three to nine hours laboratory weekly each semester. One to three credits each semester.

2:432 Plant Physiology

A study of the physiology of the plant including photosynthesis, translocation of solutes, metabolism, mineral nutrition, photoperiodism, hormones and growth.

Three hours lecture, three hours laboratory. Four credits.

2:501-502 Seminar

An informal course for majors. A variety of biological topics will be discussed or assigned for special reports. Special interests of individual students will be considered. Admission with consent of the instructor.

Two hours each semester. Two credits.

BUSINESS ADMINISTRATION

DR. ARMSTRONG
MR. INNERS
MR. FLADMARK
MR. CAMPBELL
MISS BEAMENDERFER
MR. GRAYBILL
MR. COX
MR. TISCHLER

The following courses are required in the major fields.

Accounting: 3:211, 3:212, 3:311, 3:323, 3:411, 3:431, and 6 hours to be selected from 3:312, 3:324, 3:504.

Economics: 8:221-222, 8:235, and 15 hours to be selected from 8:231, 8:311, 8:312, 8:344, 8:431, 8:441, 8:542, 8:502, 12:361.

Finance: 3:332, 3:341, 3:351, 8:311, 8:312, 8:344, and 6 hours to be selected from 3:211, 3:212, 3:352, 8:431, 12:361.

Marketing and Management: 3:222, 3:223, 3:241, 3:242, 3:362, 3:364, and 6 hours to be selected from 3:114, 3:214, 3:229, 3:501, 8:231, 26:302.

In addition, 3:221 and 3:235 are required of all Business Administration students.

A Mathematics placement test will be given all Business Administration students during orientation week and the results will determine whether the student will take 3:101.

3:101 Mathematics of Business and Finance

The course reviews the fundamental operations of mathematics with emphasis on the practical mathematics required in accounting, marketing, and finance. Areas to be covered are: decimals, simple interest, banker's discount, percentage and its applications, compound interest, co-insurance, depreciation and capitalization, mark-up, turnover, taxes — other than Federal Income — stocks and bonds and annuities, consumer credit, the underlying theory of investments, life insurance.

Three hours. Three credits.

3:111-112 Elementary Accounting

An introductory course emphasizing basic accounting principles and their applications. Original entries, the technique and classification of accounts, adjusting and closing entries, work sheets, controlling accounts, depreciation and bad debts allowance accounts, the voucher system, and basic financial statements are presented. In the second part of the course attention is given to elementary accounting as applied to partnerships and corporations, departmental trading accounts, branch accounts, manufacturing accounts, and to the analysis and interpretation of simple financial statements. The Orientation Test and Achievement Test, Level I, of the American Institute of Accountants will be required.

Three hours recitation, two hours laboratory each semester. Six credits.

3:114 Economic Geography

A study of the regional distribution of the world's population, resources, and industries.

Three hours. Three credits.

3:121-122 Business Law

A study of the law as it relates to business considering essential elements of a contract, agency, employer and employee, negotiable instruments, suretyship,

insurance, bailments, carriers, sales, partnerships, corporations, deeds of conveyance, mortgages, landlord and tenant, wills, guardians, and rights in property which result from domestic relations. Some attention is given to torts, business crimes, and legal procedure.

Three hours each semester. Six credits.

3:211 Intermediate Accounting

Advanced corporation accounting, with emphasis on procedures in manufacturing accounting; accounting principles relating to cash, receivables, inventories, and current liabilities. Laboratory problems. Prerequisite: 3:111-112.

Three hours recitation, two hours laboratory. Three credits.

3:212 Intermediate Accounting

Accounting principles relating to the classification and valuation of tangible and intangible assets, and liabilities; accounting for investments; funds and reserves; statement analysis, and statement of application of funds. Accounting problems. Prerequisite: 3:211.

Three hours. Three credits.

3:214 Economic Geography of North America

Industries and resources of North America, their regional distribution, their effect upon the standard of living in the United States, and their importance to the rest of the world.

Three hours. Three credits.

3:221 Management

A study of scientific business management, including a consideration of the basic processes of administration such as planning, organizing, directing, and controlling business activities. Analytical processes are developed to assist in managerial decision making.

Three hours. Three credits.

3:222 Personnel Management

The course includes a study of the following: the development of personnel management, instruments of personnel control, education and training of the workers and the supervisory force, employee incentives, industrial democracy and social controls, and special problems in industrial relations.

Three hours. Three credits.

3:223 Insurance

The economic and social values, the important principles and practices, and the principal legal phases of the common forms of insurance.

Three hours. Three credits.

3:229 Business Writing

A course in writing correct and effective business letters, reports, articles, and other forms of business communications. Prerequisite: 10:101-102.

Three hours. Three credits.

3:235 Business Statistical Methods

Methods of accumulating, presenting, and analyzing numerical data. Measures of central tendency and variability, probability, time series, types of business fluctuations, and measures of correlation will be examined.

Three hours. Three credits.

3:241 Advertising

A study of the functions, forms, principles, and applications of advertising. It includes copy writing, layouts, and other factors in the preparation of advertisements; advertising media and advertising research methods; the development of advertising campaigns; the economic significance of advertising, and related topics.

Three hours. Three credits.

3:242 Salesmanship

Principles and problems of salesmanship. A study is made of such subjects as the selling process, character and personality as related to salesmanship, and principles, methods, and concrete problems.

Three hours. Three credits.

3:311 Cost Accounting

Accumulation and analysis of cost data and their uses; control of material, labor, and manufacturing expense, including job order and process costs. Prerequisites: 3:211, 3:212.

Three hours. Three credits.

3:312 Standard Costs, Budgeting and Control

An integrated and comprehensive treatment of standard costs and budgeting. Study of controllership as a distinct business procedure, with emphasis on the function, control of operations, accounting reports, and administration of the controller's department. Prerequisite: 3:311.

Three hours. Three credits.

3:321 Machine Accounting

A course in the basic operating technique of office machines and their application to accounting procedures. Particular attention is given to adding and calculating machines, class exercises and laboratory work. This course will be limited to accounting and merchandising majors.

Two hours recitation, two hours laboratory. Three credits.

3:323 Federal Tax Accounting

A study of the Federal Income Tax Law and Regulations covering taxable income of individuals. A brief study is also made of social security taxes. Practical problems and preparation of returns. Prerequisites: 3:211, 3:212.

Five hours. Three credits.

3:324 Advanced Taxes

A study of the Federal Income Tax Law and Regulations as they apply to corporations and partnerships. In particular, corporate reorganization, capital gains and losses, personal holding corporations and other pertinent topics will be treated. Prerequisite: 3:323.

Three hours. Three credits.

3:332 Corporation Finance

The principles underlying the financing of business organizations. Topics include promotion, capitalization bases, types of securities and their distribution, internal corporate financing, governmental controls, failure and reorganization. Closed to seniors.

Three hours. Three credits.

3:341 Investments

A study of stocks, bonds, real estate, investment trusts, mortgages, and annuities as related to investments. The objectives, institutions, sources of information, media, analysis of risks, returns, and other subjects are also examined.

Three hours. Three credits.

3:351 Advanced Business Law

Intended primarily for those who plan to enter the field of accounting. Includes a general review of contracts, corporations, and real property, and more intensive study in sales, negotiable instruments, security devices, and bankruptcy. Considerable attention is also given to regulation of specific sectors of the American economy by government administrative agencies.

Three hours. Three credits.

3:352 Real Estate Principles and Practices

Real estate principles and practices as they affect the property owner, the real estate broker, and the business man with consideration of the economic, financial, legal, and social aspects of the real estate field.

Three hours. Three credits.

3:362 Marketing

The principles and practices involved in moving goods from the producers to the consumers. Descriptive material and cases are integrated with market research data emphasizing the making of effective marketing decisions.

Three hours. Three credits.

3:364 Retail Merchandising

The principles and practices dealing with the development, organization, operation, and merchandising techniques of retail business. Prerequisite: 3:362.

Three hours. Three credits.

3:411 Advanced Accounting

Accounting theory and problems in relationship to partnerships, branch accounting, and corporation consolidations. Prerequisites: 3:211, 3:212.

Three hours. Three credits.

3:431 Auditing

Duties and responsibilities of an auditor, kinds of audits, audit practice, procedure, and reports. Practical problems and preparation of working papers. Prerequisites: 3:211, 3:212. Open to seniors only.

Three hours. Three credits.

3:501 Problems in Business Management

A case method approach to an analysis of problems encountered by management. Specific emphasis will be on policy decisions affecting production, personnel, finance, and sales. Prerequisite: 3:221. Open to seniors only.

Three hours. Three credits.

3:502 Accounting Internship

Selected senior accounting majors work under the supervision of an accounting firm for six weeks, beginning immediately after completion of first semester examinations. Open to seniors only. Prerequisites: 3:211, 3:212, 3:431.

Six weeks. Two credits.

3:504 Seminar in Accounting

This course covers report writing and financial statement analysis with emphasis on advanced auditing including internal auditing and related problems. The

student is expected to do considerable research in the literature of accounting. Course begins upon the return of accounting internees. Prerequisites: 3:211, 3:212, 3:431.

Five hours. Three credits.

BUSINESS EDUCATION

MISS BEAMENDERFER

4:301 Medical Aid and Simple Nursing Techniques

This course is based on the American Red Cross First Aid Textbook. It is designed to aid the medical secretary in dealing with emergencies, and to provide a background of knowledge in sickroom procedure, mental and physical hygiene, and sanitation. Alternates with 4:313.

Two hours. One credit.

4:302 Medical Terminology

A study of the prefixes, suffixes, abbreviations, and definitions of medical terms. The student learns the vocabulary of medical, anatomical, pathological and scientific terms and studies the derivation and correct spelling and pronunciation of these terms. Alternates with 4:402.

Two hours. One credit.

4:313 Medical Ethics and Office Procedure

Aims to provide an understanding of office and hospital ethics, the relation of the doctor and the patient, the various specialties in the field of medicine, and the business side of a doctor's office, dealing with such aspects as records, fees, accounts, the doctor and the law, and liability and insurance. This course is given for medical secretarial students. Alternates with 4:301.

Two hours. Two credits.

4:321 Business Education Methods

A critical study of objectives, psychological laws, underlying skills, organization of materials, tests, and standards of achievement. Special attention is given to the various methods of teaching shorthand, typewriting, and bookkeeping. The student is given practice in drawing up lesson plans and teaching. Prerequisites: 4:201-202, 4:211-212, and 3:311. Alternates with 4:401.

Three hours. Three credits.

4:401 Office Practice

A general view of the function of the office in modern business and a systematic coverage of office routines. The uses and operating principles of various office machines are studied. Prerequisites: 4:201-202 and 4:211-212. Alternates with 4:321.

Three hours. Three credits.

4:402 Clinical Office Procedures

Deals with the practical aspect of the demands on a medical secretary. Includes the use of office equipment; sterilization, care and preparation of instruments. The student learns the use of the clinical thermometer, sphygmomanometer; and other simple techniques, such as chemical urine analysis, and preparation for examination and minor operations.

Two hours. Two credits.

4:414 The Business Curriculum

The philosophy and objectives of business education, its development and the examination and evaluation of its curricula in the secondary schools. Additional topics include selection of textbooks and equipment, visual aids, standards of achievement and testing, guidance, relations with business and the community, job placement, teacher qualifications and professional development. Lectures, reference assignments, reports. Prerequisite: 4:321.

Three hours. Three credits.

CHEMISTRY

DR. GIFFIN
DR. MCGRATH
DR. HOUTZ

A student majoring in Chemistry must take 35 hours. These must include 5:101, 5:102, 5:201,202, 5:301, 5:401,402, and 6 hours from other senior chemistry courses. 14:212 and 23:101 and 23:102 are required. The recommended foreign language is German.

A student who selects a minor in Chemistry must take at least 16 hours.

5:101 General Chemistry

Fundamental laws and principals of chemistry; the properties and reactions of common elements and compounds. Prerequisite: 14:101 or concurrent enrollment.

Three hours lecture, three hours laboratory. Four credits.

5:102 Qualitative Analysis

A continuation of 101 with emphasis on the principles of chemical equilibria. The laboratory work is devoted to qualitative analysis. Prerequisite: 5:101.

Two hours lecture, four hours laboratory. Four credits.

5:201, 202 Organic Chemistry

Basic concepts of organic chemistry of aliphatic and aromatic hydrocarbons and derivatives. Prerequisite: 5:102.

Three hours lecture, six hour laboratory. Eight credits.

5:301 Quantitative Analysis

Principles of volumetric and gravimetric quantitative analysis. Prerequisite: 5:202.

Three hours lecture, six hours laboratory. Five credits.

5:401, 402 Physical Chemistry

The first semester concerns physical states of matter, elementary thermodynamics, properties of solutions. The second, thermodynamics, phase law, electrochemistry, chemical equilibria, atomic structure. Prerequisites: 5:301, 14:212, 23:101-102.

Three hours lecture, three hours laboratory each semester. Eight credits.

5:420 Advanced Organic Chemistry

Theoretical interpretation of reactivity and reaction mechanisms. Prerequisite: 5:401.

Three hours lecture. Three credits.

5:422 Biochemistry

An introductory study of the chemical processes involving living systems. Prerequisite: 5:202.

Two hours lecture, three hours laboratory. Three credits.

5:425 Qualitative Organic Analysis

Organic group reactions; identification of organic compounds and mixtures by characteristic reactions. Prerequisite: 5:202.

One hour lecture, six hours laboratory. Three credits.

5:430 Instrumental Analysis

Instrumental techniques of analysis including potentiometric, spectrophotometric, polarographic, and conductometric methods. Prerequisite: 5:402.

Two hours lecture, three hours laboratory. Three credits.

5:500 Problems in Chemistry

Individual study of a problem in experimental chemistry. Prerequisite: senior standing and permission of instructor.

One or two credits, may be repeated.

CLASSICAL LANGUAGES

DR. BARLOW
DR. FREED

GREEK

Courses 6:101-102 and electives beyond 6:101-102 to make a total of 24 hours are required for a major.

Courses 6:101-102 and electives beyond 6:101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 6:101-102.

6:101-102 Elementary Greek

Emphasis will be placed on the acquisition of a knowledge of the fundamental principles of Greek grammar and syntax. Easy selections from Greek literature illustrating the grammar and syntax studied.

Four hours each semester. Six credits.

6:201-202 Intermediate Greek

During the first semester, a study of selected portions of the *Anabasis* of Xenophon against its background in Greek history. During the second semester, a study of Plato's *Apology* and *Crito*. Special consideration is given to the study of the character of Greek thought. Prerequisite: 6:101-102.

Three hours each semester. Six credits.

6:301 New Testament Greek

A reading course designed primarily for candidates for the ministry and religious workers. A linguistic and historical interpretation of the New Testament. Selections from the historical and didactic literature are used. Prerequisite: 6:201-202. Alternates with 6:401. Not offered 1964-65.

Three hours. Three credits.

6:302 Greek Drama

One play of Sophocles and one play of Aeschylus will be read with special attention to their literary merit and their metric and scenic antiquities. Alternates with 6:402. Not offered 1964-65.

Three hours. Three credits.

6:401 Greek Drama

One play of Euripides and a play of Aristophanes will be read with special attention to their literary merit and their metric and scenic antiquities. Prerequisite: 6:201-202 or equivalent. Alternates with 6:301.

Three hours. Three credits.

6:402 Epic Poetry

Selections from Homer will be examined with special attention to developing facility in reading. The Greek *epos* is considered as an expression of the thought and general conditions of early Greek life. Alternates with 6:302.

Three hours. Three credits.

LATIN

Courses in advance of 7:101-102 including 7:401 or 7:404 and 7:402 or 7:403 to complete a total of 24 hours are required for a major.

Courses in advance of 7:101-102 to make a total of 18 hours are required for a minor.

Prose composition is an integral part of all advanced courses beyond 7:101-102.

7:101-102 Elementary Latin

A study of pronunciation, essential forms, and the principles of syntax. The aim of this course is to develop as quickly as possible an ability to read Latin in simple texts.

Four hours each semester. Six credits.

7:201-202 Intermediate Latin

Selected writings of Cicero with supplementary reading in English. Also included is Vergil's *Aeneid* including a study of the poem as a whole, its sources, poetical diction and its mythological background. Prerequisite: two years of high school Latin or 7:101-102.

Three hours each semester. Six credits.

7:301, 302 Ovid, Catullus and Vergil

Selected portions of the works of Ovid and Catullus and of Vergil's *Eclogues* and *Georgics*. Special attention will be given to the various types of poetry represented in the writings of these authors. Prerequisite: 7:201-202 or four years of high school Latin. Not offered 1964-65.

Three hours each semester. Three credits each semester.

7:311 Livy

Selections from Livy. Special attention will be given the study of early Roman history as it is revealed in the works of Livy. Prerequisite: 7:201-202 or four years of high school Latin. Not offered 1964-65.

Three hours. Three credits.

7:312 Roman Drama

One play each of Plautus, Terence and Seneca will be read. These will be studied with special attention to their literary merit and their influence on

later drama. Prerequisite: 7:201-202 or four years of high school Latin. Not offered 1964-65.

Three hours. Three credits.

7:321 Horace

Selections from Horace's *Odes, Epodes, Satires,* and *Epistles.* A study of Horace as a satirist, philosopher, lyric poet, and literary critic by a representative study of his works. Prerequisite: 7:201-202 or four years of high school Latin.

Three hours. Three credits.

7:322 Lucretius

Selections from Lucretius' *On the Nature of Things.* A study of Lucretius' philosophical ideas and also of other ancient philosophical systems. Prerequisite: 7:201-202 or four years of high school Latin.

Three hours. Three credits.

7:401 Tacitus

Selections from Tacitus' historical works. Special attention will be given to a study of the history of the early empire as it is revealed in the historical works of Tacitus. Prerequisites: at least 6 credits from 7:301, 7:302, 7:311, 7:312, 7:321, 7:322, or permission of instructor.

Three hours. Three credits.

7:402 Latin Prose Composition

A review of forms and of principles of syntax, drill in writing Latin, and a study of Latin style and idioms. Prerequisite: at least 6 credits from 7:301, 7:302, 7:311, 7:312, 7:321, 7:322, or permission of instructor.

Three hours. Three credits.

7:403 Latin Prose Composition

A study of selected topics of Latin grammar and syntax. Prerequisite same as for 7:401. Not offered 1964-65.

Three hours. Three credits.

7:404 Roman Historians

A study of the Roman writers of history other than Livy and Tacitus. Prerequisite same as for 7:401. Not offered 1964-65.

Three hours. Three credits.

LITERATURE IN TRANSLATION

6:251 Greek Literature in Translation

A study of the major works of Greek literature in relation to one another and to the major western literatures. Carries no major credit.

Three hours. Three credits.

7:252 Latin Literature in Translation

A study of the major works of Latin literature in relation to one another and to the major western literatures. Carries no major credit.

Three hours. Three credits.

ECONOMICS

Dr. Futhey
Mr. Karatzas
Dr. Armstrong

8:221-222, 8:235, 8:502, and 12 hours from among 8:231, 8:311, 8:312, 8:344, 8:431, 8:441, 8:452 and 8:502 are required for a major.

8:221-222, 8:235, and 9 hours from among 8:231, 8:311, 8:312, 8:344, 8:431, 8:441, 8:452, and 8:502 are required for a minor (applicable to liberal arts students only).

8:221-222 Principles of Economics

A study of the existing economic order and basic economic principles and problems. Deals with production, value and price, exchange, distribution, consumption and saving, and income and expenditures of government with reference to goods and services. This course is a prerequisite for all advanced courses in Economics.

Three hours each semester. Six credits.

8:231 Labor Problems

A study of labor problems from the viewpoint of the employee, the employer, and the public. Federal and State legislation dealing with labor and its problems is also considered. Special attention is given to labor organizations and their activities.

Three hours. Three credits.

8:235 Business Statistical Methods

Same as 3:235.

Three hours. Three credits.

8:311 Money and Banking

A study of the history, nature, functions, principles, and problems of money, credit, and banking. Special attention will be given to price levels, industrial depressions, and government regulation of money and banking.

Three hours. Three credits.

8:312 National Income Analysis

A study of the flow of national income and money in the economy through a detailed examination of the national income account.

Three hours. Three credits.

8:344 Public Finance

A study of public expenditures and revenues, principles of taxation, government enterprises, public budgets, and fiscal policy.

Three hours. Three credits.

8:431 International Trade and Policy

A study of the basic theory and major institutions of international economic relations. Examines critically the technique and background of protectionism and free trade, foreign trade promotion, monetary and exchange policy, and international economic organization and cooperation. Includes the balance of payments, foreign exchange, and international banking.

Three hours. Three credits.

8:441 History of Economic Thought

The development of economic concepts and schools of economic thought from earliest times to date.

Three hours. Three credits.

8:452 Comparative Economic Systems

A comparative study of present economic and social doctrines of the free enterprise system, socialism, communism, and fascism.

Three hours. Three credits.

8:502 Intermediate Economic Theory

The course is designed particularly for those students interested in graduate study and economic research. Required for economics majors. Prerequisites: 8:221-222, 6 additional hours in Economics and permission of the instructor.

Three hours. Three credits.

EDUCATION

MR. BASTRESS
MR. WISSINGER
DR. LYLE
MR. ENGLISH

The requirements for certification to teach in the secondary schools follow.

PENNSYLVANIA

I. Basic Requirements

The provisional college certificate is issued to an applicant who has completed an approved teacher education curriculum and has been granted a baccalaureate degree in an accredited college or university.

II. General Education Requirements

A. A minimum of sixty (60) semester hours of acceptable courses in general education with not less than twelve (12) semester hours in the humanities and not less than six (6) semester hours in the social sciences and not less than six (6) semester hours in a laboratory science.

B. Courses taken under general education may be used toward certification in the individual's teaching field.

C. 12:201, 202 and 10:215 are required of teaching candidates.

III. Professional Education Requirements

A. A minimum of eighteen (18) semester hours of approved professional education courses.

B. For all teaching candidates: 9:201, 9:211 and 9:400. Academic majors should take 9:211 in the sophomore year and 9:101 in the junior year.

C. A professional semester for all teaching candidates majoring in the academic subjects:

1. Either the first or second semester of the senior year may be selected as the professional semester. It will consist of 9:302, 9:311 and 9:401 during the first eight weeks and Student Teaching (9:400) during the second eight weeks.
2. In order to avoid scheduling difficulties during the senior year, teaching candidates should plan to carry a heavier schedule in their major and minor fields during the junior year.

IV. Subject Matter Specialization Requirements

The minimum college semester hours required for certification of secondary school teachers in academic subjects are as follows:

1. History, history and government, mathematics, biology, chemistry, physics (24 semester hours)
2. Foreign Language (24 semester hours)

   Applicants will be certified on the basis of an examination to be determined by the Department of Public Instruction in the areas of conversation, reading and writing of the foreign language.
3. Comprehensive Foreign Language Certificate (36 semester hours)

   This certificate requires a minimum of 24 semester hours in the first language and a minimum of 12 semester hours in any additional language. Proficiency in the languages will be determined by an examination as stated in "IV-2" above.
4. Comprehensive English Certificate (36 semester hours)

   A certificate valid in English will also include reading when a

minimum of six (6) semester hours has been completed in remedial and developmental reading.

5. General Science (24 semester hours)
   The completion of 24 semester hours in any two or all of the sciences will provide certification to teach general science in grades 7, 8, and 9.
6. Comprehensive Science Certificate (40 semester hours)
   This certificate is valid for teaching all the sciences and may be issued upon the completion of 40 semester hours with not less than 8 semester hours in each of the following: biology; chemistry and physics; and not less than 6 semester hours in earth sciences (astronomy, geology and meteorology); and not less than 3 semester hours in mathematics.
7. Physics and Mathematics (36 semester hours)
   This certificate requires a minimum of 12 semester hours in each field.
8. Comprehensive Social Studies Certificate (36 semester hours)
   This certificate requires a minimum of 36 semester hours distributed in the following areas: history, geography, government, economics, and sociology and/or anthropology.
9. For specialized curriculum in Music Education see page 65.

Those who are planning to teach must declare their intention to the Registrar during the second semester of the sophomore year and meet the qualifications of the Committee on Teacher Education. One of the requirements necessary for approval by the Committee is that the student must have a scholarship index of 2.00 for the freshman and sophomore years. After being approved the teacher candidate must continue to maintain at least a 2.00 scholarship index during the junior and senior years or be dropped as a teacher candidate. Once a student has lost this approval he may reapply when his quality point deficiency is corrected. Unless special permission is granted by the instructor, only students who have been approved by the Committee on Teacher Education may enroll in teacher education courses. Educational psychology is, however, open to all students.

The curriculum is established to meet certification requirements of the Commonwealth of Pennsylvania. Those who wish to be certified in other states must notify the Registrar not later than the end of the sophomore year. Information concerning certification in other states may be obtained from the Departments of Education of each state, or the Registrar's Office. Students who plan to teach outside of Pennsylvania are responsible for meeting their own requirements.

9:101 Social Foundations of Education

This course is designed to show the social forces that influence education. Materials selected from the fields of sociology, anthropology, economics and political science that have an impact on education will constitute the major part of the course.

Three hours. Three credits.

9:211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning, motivation, individual differences, personal adjustment and development that are applicable to the classroom situation. Prerequisite: 24:201.

Three hours. Three credits.

9:202 Techniques of High School Teaching

This course will cover the principles and practices that are identified with successful teaching in the secondary school. Students will teach demonstration lessons in their major field before the class. The teaching of reading and special methods related to the individual's major will be stressed.

Four hours. Four credits.

9:308 Tests and Measurements

Same as 24:308.

Three hours. Three credits.

9:311 Secondary Education

This course will analyze the basic principles and practices of the secondary school as they affect the student, the teacher, and the curriculum. Major attention will be given to the curriculum in the American secondary school and will also include a comparative study of European secondary education.

Three hours. Three credits.

9:321 Developmental and Remedial Reading I

The prevention and detection of reading disabilities, diagnosis and basic skills. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisites: 24:201, 24:211.

Three hours. Three credits.

9:322 Developmental and Remedial Reading II

The prevention and detection of reading disabilities and their correction. Required for certification in English to teach developmental and remedial reading in secondary schools. Prerequisite: 9:321.

Two hours lecture, two hours laboratory. Three credits.

9:400 Student Teaching

This course requires observation and student teaching in nearby schools under the supervision of a public school teacher and a college supervisor. Students in this course are also required to attend a weekly conference for discussion of teaching problems, school law and other reports. A laboratory fee is charged. Students in the liberal arts will do their student teaching during the second eight weeks of their professional semester. Prerequisites: nine (9) hours of education.

Six hours. Six credits.

9:401 Audio-Visual Education

The operation and effective use of audio-visual machines and other sensory materials will be stressed.

Three hours. Three credits.

ENGLISH

DR. RAHTER
DR. NARY
DR. TISCHLER
DR. WILEY
MRS. MCCUNE
MR. CURTIS
MRS. REIMHERR
DR. FREED
MR. DAYKA
MRS. SNYDER
MR. BERKHEIMER

All majors and minors in English are required to take 10:231,232, 10:241,242, 10:403,404, and 10:411. Majors must elect a minimum of 15 additional credits; minors, a minimum of three additional credits.

All minors in Theatre are required to take the following courses: 10:219, 10:220, 10:221-222, 10:225-226. In addition, a minimum of six credits must be selected from 10:311, 10:312, 10:403,404.

10:101-102 Composition

A study of the principles of good writing. The work of the first semester includes the careful reading of selected essays and written exercises thereon; the emphasis is upon exposition. The second semester is an introduction to the

chief literary genres, with written work in the form of essays in analysis and criticism.

Three hours each semester. Six credits.

10:201 Expository Writing

A study of the traditional patterns of discourse with emphasis on the practice of expository and argumentative writing and with attention to the development of rhetorical force and style. Prerequisite: 10:101-102, or advanced standing.

Three hours. Three credits.

10:202 Advanced Composition

Individual projects in expository or imaginative composition, adapted to the interests of the individual student. Consultation with the instructor and criticism of manuscripts. Prerequisite: 10:201.

Three hours. Three credits.

10:211 Journalism

An introduction to newspaper work, with specific practice in reporting, editorial writing, feature article writing, make-up, and other activities connected with the weekly college newspaper, *The Crusader.* Credit given to sophomores, juniors, and seniors.

One hour each semester. Two credits.

10:215 Public Speaking

Fundamentals and practice in speaking to an audience. Emphasizes content and delivery.

Three hours. Three credits.

10:219 Arts of The Theatre

After a study of the arts of the playwright, actor, director, and designer, attention is turned to the forms of opera, musical comedy, film, and television.

Three hours. Three credits.

10:220 Theatre of The Western World

A study of the chronological development of the theatre of the western world as a performing art. Credit is given toward the major or minor in literature.

Three hours. Three credits.

10:221-222 Acting

An introduction to theories and techniques of acting. Students perform scenes from plays in class.

Three hours each semester. Six credits.

10:225-226 Directing

An introduction to theories and techniques for producing plays; includes specific study in the areas of play selection, casting, rehearsals, costumes, scenery, make-up, and lighting. Students direct scenes from plays. Prerequisites: 10:221-222, or permission of the instructor.

Three hours each semester. Six credits.

10:231, 232 Survey of English Literature

The study of the development of English literature in its various forms and movements. The first semester covers the period from 449 to the beginning of the Romantic Movement. The second semester covers the 19th century.

Three hours each semester. Three credits each semester.

10:241, 242 American Literature

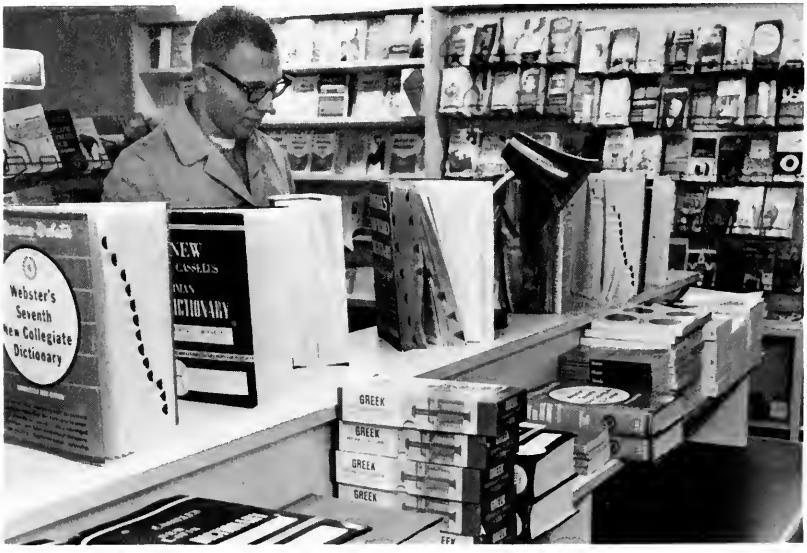
The study of the chief forms and movements of our native literature, with emphasis on the major figures. The first semester covers the period from the beginning to Melville; the second semester, from Whitman to the present.

Three hours each semester. Three credits each semester.

10:251 Greek Literature in Translation

Same as 6:251.

Three hours. Three credits.



10:252 Latin Literature in Translation

Same as 7:252.

Three hours. Three credits.

10:261 Art and Appreciation of Poetry

Analysis and discussion of English and American poems, without regard to period, to develop the student's understanding of the techniques of poetic craftsmanship and his appreciation of poetic form.

Three hours. Three credits.

10:262 Modern English Poetry

A study of representative British and American poets of the 20th century.

Three hours. Three credits.

10:311 English Drama Before 1900

The historical background and development of English drama to 1900. Not offered 1964-65.

Three hours. Three credits.

10:312 Modern Drama

A study, in English, of drama in the western world from 1890 to the present. Not offered 1964-65.

Three hours. Three credits.

10:321, 322 English Novel

The historical development of the English novel from Defoe to the 20th century.

Three hours each semester. Three credits each semester.

10:341 Seventeenth Century

A study of the nondramatic literature, exclusive of Milton, through the Restoration, with emphasis on the prose of Bacon, Browne, and Locke and on the poetry of Donne, Jonson, and Dryden.

Three hours. Three credits.

10:342 Eighteenth Century

A study of the chief poets and prose writers, exclusive of the drama, of the neo-classical period. Not offered 1964-65.

Three hours. Three credits.

10:343 Romantic Movement

Poetry and prose from 1786 to 1830, with the major emphasis upon the work

of Wordsworth, Coleridge, Lamb, DeQuincey, Shelley, Byron, Keats, and Hazlitt.

Three hours. Three credits.

10:344 Victorian Literature

Poetry and prose from 1830 to 1900, with the major emphasis on the works of Tennyson, Browning, Arnold, Macauley, Carlyle, Newman, and Huxley.

Three hours. Three credits.

10:401 Chaucer

A reading of *Troilus and Criseyde*, a major portion of *The Canterbury Tales*, and some of the minor poems in Middle English, with greater attention to the literary than to the linguistic aspects. Not offered 1964-65.

Three hours. Three credits.

10:403, 404 Shakespeare

The first semester is devoted primarily to the histories, the romantic comedies, and several of the earlier tragedies. In the second semester the great tragedies, a sample of the dark comedies, and the romances of the last period are studied.

Three hours each semester. Three credits each semester.

10:406 Milton

The chief poetical writing of John Milton will be carefully studied, along with selections from his prose works.

Three hours. Three credits.

10:411 History of the English Language

The origin and development of the English language from the earliest times to the present; standards of written and spoken English; the differences between the English spoken in England and that spoken in various parts of America.

Three hours. Three credits.

10:412 Modern English Grammar and Usage

A senior-level review of traditional grammar and usage and an introduction to the modern scientific study of English.

Three hours. Three credits.

GEOLOGY AND GEOGRAPHY

MR. FLETCHER

GEOLOGY

11:101-102 Introductory Geology

An introduction to the study of the composition and structure of the earth. Emphasis is on the common rocks and minerals and the geologic processes

which have produced the present topography and structure of the earth. The earth's origin, history, and the evolution of its organisms as interpreted from the geologic record are discussed.

Three hours lecture, three hours laboratory each semester. Eight credits.

11:201 Sedimentary Rocks

A study of the principles of sedimentation and stratigraphy including the application of fundamental concepts of physical geology and paleontology to stratigraphic problems. Field and laboratory techniques are stressed. Prerequisite: 11:101-102.

Two hours lecture, three hours laboratory. Three credits.

11:202 Geological Dynamics

The study of the forces which act upon the interior and crust of the earth and the structures which result from these forces. Structural features such as folds, faults, joints, and foliation are interpreted in light of these forces. Laboratory experiments and field observations are emphasized. Prerequisite: 11:101-102.

Two hours lecture, three hours laboratory. Three credits.

11:301-302 Rocks and Minerals

The basic concepts and principles of a genetic interpretation of rocks and minerals is discussed. These principles are employed as a basis for the description and classification of igneous and metamorphic rocks and minerals and other common mineral species. Emphasis is on the physical and chemical environment in which these are formed. Prerequisites: 11:201, 11:202, and 5:102.

Two hours lecture, three hours laboratory each semester. Six credits.

GEOGRAPHY

11:221 Physical Geography

A study of the surface of the earth and the forces which form and alter it. Stress is on the historical development of geographical concepts. Map interpretation, climatology, and meteorology are a few of the subjects discussed.

Three hours. Three credits.

GRAPHICS

14:101 Engineering Graphics

Communication by graphic methods, geometric constructions, vector geometry, graphical calculus, nomography, and projection drawing. To be offered as needed.

Six hours. Two credits.

HISTORY AND POLITICAL SCIENCE

DR. RUSS
DR. MAILLOUX
DR. POWER
MR. LONGAKER
MR. GORDON
MR. BRADFORD
MR. HUGHES
DR. REUNING

Students majoring in History must present at least 24 semester hours exclusive of 12:101,102. These must include 6 hours of American history, and 6 hours of European history to be chosen from 12:311,312, and 12:313,314. Substitutions will be allowed only by permission of the department. Students desiring to teach in Pennsylvania must take 12:201, 202 in lieu of 12:211,212. No student may take both of these courses.

A minor in History requires 18 semester hours exclusive of 12:101, 102. These must include 6 hours of American history and 6 hours of European history. Three hours of European history may be elected from 12:321, 12:322, 12:324, and 12:412.

Students majoring in Political Science must present at least 24 semester hours. 13:101-102, 13:211, and 13:212 are required. The department requires individuals majoring or minoring in Political Science to work out a program with the instructors.

HISTORY

12:101, 102 History of Civilization

A study of major civilizations with emphasis on their contributions to our own. Closed to juniors and seniors except by permission of the Dean.

Three hours each semester. Three credits each semester.

12:201, 202 History of the United States and Pennsylvania

A course in American history required by the State Council of Education for those who plan to teach in the public schools of Pennsylvania.

Three hours each semester. Three credits each semester.

12:211, 212 History of the United States

A narrative history which begins with the discovery of America and carries the story to the present.

Three hours each semester. Three credits each semester.

12:311, 312 The History of Europe 1500-1815

A survey of the history of Europe from the Renaissance to the defeat of Napoleon at Waterloo. The course will place stress on the history of the continental nations of Europe and cover such topics as the Renaissance, the

Reformation, the Age of Louis XIV, the 18th Century, the French Revolution and Napoleon.
Three hours each semester. Three credits each semester.

12:313, 314 Europe 1815 to the Present

An analysis of the history of Europe from the fall of Napoleon to the end of World War II. The first part will deal with the period from 1914 while the second part will cover both World Wars and the intervening period.
Three hours each semester. Three credits each semester.

12:321 History of England to 1714

A political, social and cultural history of Great Britain from the Roman occupation to the accession of the Hanoverians.
Three hours. Three credits.

12:322 History of England 1714-1950

A political, social and cultural history of Great Britain from the accession of the Hanoverians to 1950.
Three hours. Three credits.

12:323 Ancient History

A study of the social, economic, political and intellectual history of the Mediterranean world from earliest times to the decline of Rome.
Three hours. Three credits.

12:324 Medieval History

The social, political, economic, and ecclesiastical history of Western Europe from the decline of the Roman Empire to the end of the thirteenth century.
Three hours. Three credits.

12:361 Economic History of the United States

A study of the history of manufacturing, agriculture, transportation, communication, banking, internal commerce, and related topics within the United States. Prerequisite: 12:201,202 or 12:211,212.
Three hours. Three credits.

12:362 20th Century America

An intensive examination of the forces and factors from the 1890's to the present which combined to produce the United States of today. Emphasis on economic and social aspects. Prerequisite: 12:201,202 or 12:211,212.
Three hours. Three credits.

12:401 The American Frontier

A study of the influence of the West upon American history in accordance with the Turner theory. Prerequisite: 12:201,202 or 12:211,212.
Three hours. Three credits.

12:411 Imperial Russia

A general survey of Russian history from the Kievan Period to the establishment of the Soviet Government. Open to juniors and seniors.

Three hours. Three credits.

12:412 History of the Soviet Union

A study of the internal political development, economic growth, scientific development and foreign relations of the Soviet Union. Open to juniors and seniors. Prerequisite: 12:411, or permission of the instructor.

Three hours. Three credits.

12:421-422 Diplomatic History of the United States

A study of the foreign relations of the U. S. from the American Revolution to the present time. The first part will cover the period to 1914 while the second part will be a discussion of events from 1914 to the present day. Limited to juniors and seniors.

Three hours each semester. Six credits.

12:425, 426 History of East Asia

An analysis of the major civilizations of East Asia, dealing with geographic settings, historical developments, society, government, philosophy and religion, from the prehistoric to the modern.

Three hours each semester. Three credits each semester.

12:428 History of Africa

The development of African peoples from the age of the great tribal societies and empires through the period of slave trade and European colonization to the rise of nationalism in the twentieth century.

Three hours. Three credits.

POLITICAL SCIENCE

13:101-102 American Government

A study of the structure and functions of the national government during the first semester; state and local during the second semester.

Three hours each semester. Six credits.

13:211 Comparative Politics of Western Europe

A comparative study of the structure and function of the contemporary governments of Great Britain, France and West Germany, with considerable attention given to the successes, failures and prospects of the political unification of Western Europe.

Three hours. Three credits.

13:212 Comparative Politics of Authoritarianism

The totalitarian nature of communism, as exemplified in the present governments of the Soviet Union and Communist China compared with the nature of fascism, as exemplified formerly in Nazi Germany and fascist Italy, with some aspects of it in contemporary governments.

Three hours. Three credits.

13:221 International Relations: Theoretical Foundations

An analysis of the nation-state system, sovereignty and nationalism. Emphasis is upon the concept of state power — its elements, usages and control through the techniques of diplomacy, balance of power, collective security, arms limitation, international law and organization. Not offered 1964-65.

Three hours. Three credits.

13:222 World Politics: The Practice of International Relations

A study of the substance of the foreign policy of the major world powers since World War II. The confrontation of communism and democracy, and of colonialism and nationalism is studied through the technique of case studies and problems. Prerequisite: 13:221. Not offered 1964-65.

Three hours. Three credits.

13:303 American Political Parties

A discussion of the theory, structure and function of the American party system. Prerequisite: 13:101-102. Not offered 1964-65.

Three hours. Three credits.

13:307-308 American Constitutional Law

A study of the major decisions of the Supreme Court and an analysis of the judicial function. Prerequisite: 13:101-102 or permission of the instructor.

Three hours each semester. Six credits.

13:327 International Law

A study of the origin and nature of the law of nations — its sources, sanctions and jurisdiction. Attention is given to international judicial agencies, diplomatic relations, territorial problems, the rights and duties of states, with considerable emphasis upon the role of law in the achievement of order in the world community.

Three hours. Three credits.

13:328 International Organization

A study of the origin, structure, functions and problems of the United Nations and regional economic and security agencies such as NATO, SEATO, OAS and EEC.

Three hours. Three credits.

13:401 American Political Thought to 1860

The principal political works of representative political thinkers of the colonial, revolutionary and constitutional periods will be analyzed with emphasis upon the problems of developing a federal form of government. Prerequisite: 13:101-102 or 12:201-202 or 12:211-212.

Three hours. Three credits.

13:402 American Political Thought Since 1860

The development of populism, progressivism and contemporary liberalism and conservatism will be studied in the works of selected political writers followed by a study of contemporary discussions of the proper role and methodology of political science including group and behavioral approaches. Prerequisite: 13:101-102 or 12:201-202 or 12:211-212.

Three hours. Three credits.

13:428 History of Africa

Same as 12:428.

Three hours. Three credits.

13:429 Governments and Politics of Africa

A study of the post-World War II impact of nationalism in Africa, the pattern of government and politics, intra-African political, social and economic problems, Pan-Africanism and Africa's role in world politics. Prerequisite: 13:428.

Three hours. Three credits.

13:451-452 Political Theory

An analysis of the classics of political theory from the ancient, medieval and modern periods. Open to juniors and seniors. Not offered 1964-65.

Three hours each semester. Six credits.

13:500 Congress and the American Political Tradition

A study of the role of Congress within the American political system including an analysis of classical works about Congress and current behavioral studies. Prerequisite: 13:101-102. Not offered 1964-65.

Three hours. Three credits.

MATHEMATICS

DR. ROBISON
MR. READE
MR. BRENNEMAN

14:201-202-203 and 12 additional hours exclusive of 14:101 and 14:102 are required for a major. 14:201-202-203 and six additional hours exclusive of 14:101 and 14:102 are required for a minor.

14:101 College Algebra

An introduction to the study of elementary algebraic functions, the solution of equations, progressions, permutation combinations, probabilities and determinants.

Three hours. Three credits.

14:102 Trigonometry

The study of the trigonometric functions and logarithms with application to triangles.

Three hours. Three credits.

14:201-202-203 Analytic Geometry and Calculus

A study is made of systems of coordinates and the relation between equations and loci. The concepts and fundamental formulae of differentiation and integration are studied and applied to problems involving maxima and minima, lengths, areas and volumes. Prerequisites: 14:101, 14:102, or their equivalents.

Five hours each semester. Twelve credits.

14:301 Introduction to the Theory of Algebraic Equations

Complex numbers, numerical equations, solution of cubic and quartic equations, system of linear equations, and determinants are studied. Prerequisite: 14:101 or its equivalent.

Three hours. Three credits.

14:302 Mathematical Statistics

An introduction to the theory of statistics; probability; frequency functions, moment generating functions, the estimation of parameters, and the testing of hypotheses. Prerequisite: 14:211-212.

Three hours. Three credits.

14:311 Differential Equations

A study of the formation and geometrical meaning of differential equations and the standard methods of solution. Prerequisites: 14:201, 14:211-212.

Three hours. Three credits.

14:331-332 Foundations of Mathematics

An introduction to set theory, propositional and predicate calculi, the logical foundations for deductive studies in general and mathematics in particular. Prerequisites: 14:201-202-203, and 21:201 or permission of instructor.

Three hours each semester. Six credits.

14:401-402 Advanced Calculus

A study of the theoretical aspects of calculus, with particular emphasis on

infinite processes and the concepts of limit and continuity. Prerequisites: 14:201, 14:211-212.

Three hours each semester. Six credits.

14:403 Partial Differential Equations

A study of the formation and solution of partial differential equations of the first and second order. Prerequisite: 14:311.

Three hours. Three credits.

14:404 Projective Geometry

This course is a synthetic treatment of the elements of projective geometry. Prerequisites: 14:201, 14:211-212.

Three hours. Three credits.

14:405 Vector Analysis

A first course in vector analysis with application to geometry and physics. Prerequisites: 14:201, 14:211-212.

Three hours. Three credits.

14:421-422 Modern Algebra

Algebra is considered from the modern mathematical point of view. Various basic systems, such as groups, fields, and rings, and linear algebra are derived, interpreted, and applied.

Three hours each semester. Six credits.

MODERN LANGUAGES

DR. GILBERT
MISS KEGLER
DR. GAJIC
MRS. CAIRNS
MR. RE
MR. MOWRY
MRS. SNYDER

A major in French, German, or Spanish must take 24 hours beyond 101-102. A minor in French, German, or Spanish must take 18 hours beyond 101-102. A student planning to teach must include 405-406. The intermediate work (201-202) or the equivalent is the prerequisite for any advanced course in any foreign language.

In elementary and intermediate courses credit for the first semester will be given only after satisfactory completion of the second semester. With the permission of the instructor the student may receive credit for either semester in the advanced hyphenated courses.

Students choosing a French, German, or Spanish major are urged to elect a minor in another foreign language. It is also recommended that they take courses in history, art, philosophy, and in other literatures.

FRENCH

15:101-102 Elementary French

A course in pronunciation, in the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple French.

Four hours each semester. Six credits.

15:201-202 Intermediate French

A careful review of grammar. Practice in speaking and writing French with emphasis on the reading of short stories and plays. Prerequisite: 15:101-102.

Three hours each semester. Six credits.

15:301, 302 French Literature of the 17th Century

A study of the origin and development of French classicism. The first part is devoted to readings in prose and poetry. The second part is a study of comedy and tragedy.

Three hours each semester. Three credits each semester.

15:311, 312 French Literature of the 16th Century

Following an introduction to the history and civilization of the French Renaissance, such topics as Humanism, Platonism, and Petrarchism are examined, the poetry, prose, and theater of the 16th century are studied, and the critical readings of such major authors as Marot, Rabelais, Ronsard, DuBellay, and Montaigne are analyzed. Not offered 1964-65.

Three hours each semester. Three credits each semester.

15:401, 402 French Literature of the 19th Century

A study of the literary movements of the century — Romanticism, Realism, Naturalism, and Impressionism — through critical analysis of the texts of the important writers of the period. Not offered 1964-65.

Three hours each semester. Three credits each semester.

15:405-406 French Composition and Conversation

A course to enable the student to write and speak French as fluently as possible. Practice in pronunciation and drill in the use of common idioms and current grammatical usage. Not offered 1964-65.

Three hours each semester. Six credits.

15:411-412 French Literature of the 20th Century

An introduction to the dramatists, novelists, and poets of the first half of this century.

Three hours each semester. Six credits.

GERMAN

16:101-102 Elementary German

A course in the minimum essentials of grammar to make possible a good reading knowledge of the language, including practice in simple conversation. Reading of simple stories with attention to their folklore, history, and characteristic atmosphere.

Four hours each semester. Six credits.

16:201-202 Intermediate German

Modern Novellen, poetry, and other works of medium difficulty will be read. Every effort will be made to increase the student's active vocabulary by means of composition and conversation. The reading of works outside the classroom aids in increasing the understanding of printed German. Prerequisite: 16:101-102.

Three hours each semester. Six credits.

16:301, 302 German Drama of the 19th Century

Emphasis will be placed upon romanticism, realism, and naturalism, the characteristic literary attitudes of the period. The drama will be interpreted also as the outgrowth of the personality of such writers as Kleist, Grillparzer, Hebbel, Wagner, and Hauptmann. Alternates with 16:311,312. Not offered 1964-65.

Three hours each semester. Three credits each semester.

16:311, 312 The German Novelle of the 19th Century

The development of this form will be traced by the reading of important Novellen of each literary trend of the 19th century. Alternates with 16:301, 302.

Three hours each semester. Three credits each semester.

16:401, 402 German Literature of the 18th Century

Representative works of the period will be read to reveal the personality of such writers as Lessing, Goethe, and Schiller, and to show the development of

sentimentalism, storm and stress, classicism, and romanticism. Alternates with 16:405-406. Not offered 1964-65.

Three hours each semester. Three credits each semester.

16:405-406 German Composition and Conversation

A course to give the student an excellent working knowledge of German grammar and to increase his ability to use the spoken and the written word. The work will be based largely on texts dealing with the common idiom and with German life, history, and art. Alternates with 16:401,402.

Three hours each semester. Six credits.

RUSSIAN

17:101-102 Elementary Russian

A course in pronunciation and the elements of grammar with oral and written exercises to illustrate their application, and in reading, writing, and speaking simple Russian.

Four hours each semester. Six credits.

17:201-202 Intermediate Russian

Further study of grammar and additional practice in reading and conversation, with emphasis on vocabulary building. Every effort will be made to increase the student's ability to read, speak, and understand Russian. Prerequisite: 17:101-102.

Three hours each semester. Six credits.

SPANISH

18:101-102 Elementary Spanish

A course in pronunciation, grammar, reading, writing and speaking simple Spanish. Some time is devoted to Spanish civilization and culture.

Four hours each semester. Six credits.

18:201-202 Intermediate Spanish

A course in grammar, conversation, and reading of Spanish and Spanish-American prose. Prerequisite: 18:101-102.

Three hours each semester. Six credits.

18:301-302 Spanish Theater of the 19th and 20th Centuries

Study of dramatic works from the neoclassicists to the present. Action, themes, characters, and staging of each drama will be analyzed in relation to the spirit of the epoch or movement it represents. Not offered 1964-65.

Three hours each semester. Six credits.

18:305, 306 Spanish Golden Age Literature: Cervantes and the Drama

Study of the chief Spanish dramatists with readings of representative plays of

this period. The life and thoughts of Cervantes with special emphasis on his *Quijote*. Not offered 1964-65.
Three hours each semester. Three credits each semester.

18:401-402 Spanish Prose and Poetry after 1850

A critical study of literary movements since 1850 with emphasis on the Generation of 1898 and "Modernismo." Collateral reading, reports, and discussion.
Three hours each semester. Six credits.

18:403-404 Great Figures of Spanish-American Literature

Lectures, readings, and discussion of the works of Sor Juana Inés de la Cruz, Juan Ruiz de Alarcón, Garcilaso de la Vega, Bello, Heredia, Sarmiento, Martí, Darío, and others. Not offered 1964-65.
Three hours each semester. Six credits.

18:405-406 Spanish Composition and Conversation

Intensive study of grammar. Oral and written themes, letters, class conversation and ear-training are stressed.
Three hours each semester. Six credits.

MUSIC

MR. BILLMAN
MR. HATZ
MRS. HATZ
MISS POTTEIGER
MR. MAGNUS
MRS. ALTERMAN
MR. STEFFY
DR. STOLTIE
MR. DEIBLER
MR. MOYER
MR. BOLTZ

Courses of study for Music students are listed on pages 62 and 65.

Students desiring a minor in Music must take 19:111-112, 19:211-212, 19:311; 19:321 or 19:322, plus three hours of general music, two years of private lessons, and participate in a minimum of one musical organization for each of two years.

19:101 Introduction to Music

Aims to increase one's listening pleasure. Develops an appreciation and understanding of music through a glimpse at underlying elements essential to the art of music, considering factors of style and historical setting which identify the masterpiece, and individuality which stamps the work as original. Not open to Music majors.
Three hours. Three credits.

19:103-104 Introduction to Music Literature

This course provides a general introduction to concepts of style, structure, and historical significance, with the musical experience always serving as the focal point of all study.

Three hours each semester. Six credits.

19:111-112 Theory I

A study of diatonic harmony and simple modulation to include all diatonic triads and seventh chords. Emphasis on analysis and keyboard application. Rhythmic, melodic, intervallic and harmonic dictation. Sight singing.

Five hours each semester. Six credits.

19:121 Eurythmics

Enrichment of students' musical experience by stimulating bodily responses. Interpretation of meter, rhythm and phrasing.

Two hours. One credit.

19:201-202 History and Music Literature

The significance and far-reaching importance of contributions, the general style of each period, and individual styles of composers evaluated in the perspective of history. Masterpieces of our musical heritage heard and related to the background discussion. Prerequisite: 19:101 or 19:103-104.

Three hours each semester. Six credits.

19:211-212 Theory II

The more important chromatic devices employed by the 18th and 19th century composers. Chromatic modulation. Analysis of standard works. Advanced dictation and sight singing. A continuation of keyboard harmony to include improvisation of left hand accompaniment patterns to a given melody, modulation and transposition. Prerequisite: 19:111-112.

Five hours each semester. Six credits.

19:204 Methods (Elementary Vocal)

A study of the music materials and classroom procedures suitable for the elementary schools.

Three hours. Three credits.

19:301 Methods (Secondary Vocal)

A study of general music courses, classification of voices, the changing voice, and assembly in junior and senior high schools.

Three hours. Three credits.

19:302 Methods (Instrumental)

A study of the methods, materials and problems involved in the instruction of instrumental music in the elementary, junior and senior high school.

Two hours. Two credits.

19:311-312 Theory III

The structural organization of music is examined in detail, with analysis of small and large forms drawn from standard literature of the 18th-20th centuries. Prerequisite: 19:211-212.

Two hours first semester, three hours second semester. Five credits.

19:321 Choral Conducting

This course emphasizes rehearsal techniques for accompanied and *a cappella* vocal ensembles. The music of various styles and periods is studied, and vocal problems encountered in the development of choral groups are discussed.

Three hours. Three credits.

19:322 Instrumental Conducting

Techniques and materials of conducting instrumental organizations are considered. Development of baton technique, score reading, orchestral playing, psychology of rehearsing ensembles of varied size and personnel, and literature adapted to public school work are emphasized.

Three hours. Three credits.

19:400 Student Teaching

Same as 9:400.

Six hours. Six credits.

19:411-412 Counterpoint

A study of 18th century contrapuntal techniques to include species counterpoint, canon, invertible counterpoint, two- and three-part inventions and fugue writing. Analysis of standard 18th century contrapuntal literature. Prerequisites: 19:111-112, 19:211-212.

Three hours each semester. Six credits.

19:421 Church Music

A survey course to meet the needs of those desiring to enter the field of church music. Emphasis will be placed on the historical development of the liturgy and its music, as well as on the application of liturgical principles to various types of worship services.

Two hours. Two credits.

19:431 Marching Band Charting and Pageantry

A course arranged to give the student a background in creating and preparing drills and football half-time shows. Both the musical literature available for the marching band and the charting of drills for the marching band will be emphasized. Alternates with 19:433.

Two hours. Two credits.

19:432 Orchestration

A technical course dealing in the effects and resources of instrumental combinations, balance of tone, mixed tone color, and clarity of texture for the orchestra and band. Special attention is given to the techniques of scoring for small ensembles, performers of varied abilities, and organizations of irregular instrumentation.

Three hours. Three credits.

19:433 Care and Repair of Instruments

Proper precautions in the care of all brass, string, and woodwind instruments are emphasized. This course teaches the instrumentalist to diagnose quickly any mechanical defects and make on-the-spot adjustments and repairs. Alternates with 19:431. Not offered 1964-65.

One hour. One credit.

19:411, 442 Ensemble

Chamber music from the vast field of literature will be studied and performed. Recordings are made of the individual groups.

One hour each semester. Two credits.

19:500 Literature Seminar

This is an informal course for majors in Applied Music, to be arranged by the staff to include a comprehensive survey of the important literature in the major field.

Two hours. Two credits.

Music Workshop

The music workshop expands the student's musical horizon, and attendance of all Music students is required. Basic opportunities to perform in informal and masterclass situations help students to evaluate themselves objectively and to profit by constructive criticism. Faculty readings of basic works in the training of every musician are included. Musical events to which attendance is encouraged are previewed by informative talks. Films, clinics, demonstrations, panel discussions, talks by music consultants, and programs by visiting artists and organizations are presented by the Division of Music and occasionally sponsored by the Susquehanna student chapter of the Pennsylvania Music Educators Association. All recitals, supplementary programs and projects of the Division are considered activities of the music workshop.

APPLIED MUSIC

PRIVATE LESSONS

Candidates for the degree of Bachelor of Science in Music Education concentrate in one area of performance. One lesson weekly for one credit per semester is required for four years. (Lessons outside field of concen-

tration are required in voice and piano and terminated only by examination demonstrating satisfactory minimal skills for classroom teaching. These and any other lessons are taken for grade but not credit).

Candidates for the degree of Bachelor of Arts with a major in Applied Music — two lessons weekly for two credits per semester for four years.

Candidates for the degree of Bachelor of Arts with a minor in Music — one lesson weekly for one credit per semester required for two years.

Piano

Acquisition of a sound technique is emphasized with the study of standard literature to fit the needs of the individual student.

Voice

The student is taught how to sing freely and musically. Breath control and resonance as well as range, quality and clear diction are developed through exercises and selected vocal literature.

Organ

Fundamental manual and pedal techniques will be emphasized. Organ literature of the baroque, romantic, modern French, German and American repertoire is selected. Registration by permission of the instructor.

Violin

The development of tone production in its relation to both left-hand and right-hand technique will be a basic part of the instruction. Pure and applied technique will be analyzed to determine the various methods of acquiring technical skill in building a well rounded repertoire.

Band and Orchestral Instruments

Development of good tonal quality, technical facility, and interpretation of the solo literature available for the particular instruments is stressed.

INSTRUMENTAL CLASSES

Instrumental classes are required for the degree of Bachelor of Science in Music Education. A basic knowledge of playing and teaching the instruments is emphasized to meet the needs for teaching in the public schools. Modern ensemble methods and materials are practiced in relation to procedures and problems of group instruction. One credit per semester as listed.

First Semester	*Second Semester*
Trumpet Class	Brass Class
Violin Class I	Violin Class II
String Class	Clarinet Class
Woodwind Class	Percussion Class

BAND, CHOIR, and ORCHESTRA

Music students are required to participate in a minimum of one organization for each of the four years.

PHILOSOPHY

See Religion and Philosophy

PHYSICAL EDUCATION AND HEALTH

Miss McDowell
Mr. Garrett
Mr. Windish
Mr. Sekanovich
Miss Reed
Mr. Gannon

COURSES FOR MEN

22:101M Personal Hygiene

This course presents a wide range of materials concerning healthful living.
Two hours. Two credits.

22:111M, 112M Physical Education

The activities include calisthenics, touch football, basketball, volleyball, softball, track, and tennis.
Two hours each semester. One credit each semester.

22:211M, 212M Physical Education

The plan and nature of the work is similar to 22:111M,112M.
Two hours each semester. One credit each semester.

COURSES FOR WOMEN

22:103W Personal Hygiene

This course presents a wide range of scientific and educational knowledge pertinent to healthful living. Information is presented through lectures, guided discussions, surveys and group health projects.

Two hours. Two credits.

22:115W, 116W Physical Education

A basic course in the beginning techniques of individual and team sports. Beginning tennis, field hockey, volleyball, folk and square dancing, basketball, golf, soccer, badminton, and softball are offered.

Two hours each semester. One credit each semester.

Alumni Gymnasium

22:122 Folk Dancing

Purpose of this course is to develop, through dancing the dances of different peoples and nations, a keener artistic and humanistic appreciation of their physical and emotional expression with a knowledge and understanding of their music. It also provides a teaching background in well-known and typical folk dances.

Two hours. Two credits.

22:215W, 216W Physical Education

A course designed in progression from beginning skills and techniques to the intermediate level with emphasis on individual and team sports. Intermediate tennis, volleyball, modern dance, basketball, archery, golf, softball, field hockey, soccer, and badminton are offered.

Two hours each semester. One credit each semester.

PHYSICS

MR. GROSSE
MR. HERB

A student majoring in Physics must take 30 hours in Physics including 23:101-102, 23:202, 23:301-302 and 23:401. It is strongly recommended that the student also satisfy the requirements for a major in Mathematics.

23:101-102 General Physics

Mechanics, heat, and sound — motion, work and energy, the nature of heat, and the production and propagation of sound. The second part is a study of magnetism, electrostatics, direct current circuits, electrical measurements, elementary alternating currents, the nature and physical properties of light. Prerequisite: 14:101 and 14:102 or four years of high school mathematics.

Three hours recitation, three hours laboratory each semester. Eight credits.

23:201 Mechanics

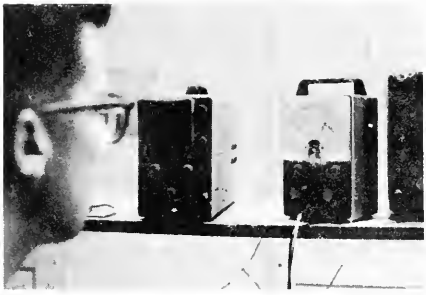
Motion of particles with an introduction to the motion of extended bodies. Discussion and application of the concepts of force, energy and momentum. Vectors and vector algebra are used throughout the course. Prerequisites: 23:101-102, 14:211 preceding, 14:212 in parallel.

Four hours. Four credits.

23:202 Electricity and Magnetism

Electrical units. Direct current circuit analysis. Electrical measurements. Magnetism and magnetic measurements. Electromagnetism and an introduction to electromagnetic induction. Prerequisites: 23:101-102, 14:211 preceding and 14:212 concurrently.

Three hours recitation, three hours laboratory. Four credits.



23:203 Thermodynamics

A discussion of the present ideas of temperature, heat, internal energy and thermodynamic work. The first and second laws of thermodynamism are introduced and applied to various systems. Ideal gases are studied in detail. Prerequisites: 23:101-102, 14:211-212.

Three hours. Three credits.

23:204 Optics

The wave theory of light developed on the basis of Huygens' principle. Interference. Fresnel and Fraunhofer diffraction. The diffraction grating. Polarized light and double refraction. Prerequisites: 23:101-102, 14:211 preceding and 14:212 in parallel.

Three hours recitation, three hours laboratory. Four credits.

23:301-302 Modern Physics

The first semester will cover electrical particles, atomic physics, spectra, X-rays, and related topics. The second semester is a study of radioactivity, nuclear physics, and related topics. Prerequisites: 23:101-102, 14:211 preceding, 14:212 in parallel.

Four hours each semester. Eight credits.

23:303-304 Alternating Currents and Electronics

Alternating currents, circuit elements in the A.C. circuit, the vacuum tube and its parameters and applications. Prerequisites: 23:202 and 14:212.

Three hours recitation, three hours laboratory. Four credits.

23:501-502 Seminar

Independent study to develop the student's particular area of interest. Prerequisites: 23:202, 23:301-302, 23:401.

One to three credits.

POLITICAL SCIENCE

See History and Political Science

PSYCHOLOGY

DR. LYLE
MR. BOSSART
MR. PIRIE
MR. QUACKENBUSH

A major in Psychology consists of 24 hours. A minor consists of 18 hours. 24:101 is prerequisite for all other Psychology courses.

The Psychology Department offers two majors, the general major and the pre-professional major. The general major is designed to meet objectives of a liberal education and the student may select any appropriate program of courses. The pre-professional major is arranged for students who ultimately plan to attend graduate school and to enter the field professionally. Pre-professional majors must select 24:203, 24:306, 24:308, 24:401 or 24:402, 24:405, 24:406 and 24:408. Supporting courses in the sciences (especially zoology), sociology and mathematics are recommended.

24:101 General Psychology

An introductory course designed to develop a scientific attitude toward psychological problems. The course will survey the topics of motivation, personality development, emotions, sensations, perception, learning, memory, thinking, communication, and personal adjustment. This course is prerequisite for all other courses in psychology.

Three hours. Three credits.

24:203 Elementary Statistics

A beginning course in the methods of analyzing, interpreting and presenting quantitative data. The course includes the study of the measures of central tendency, measures of variability, normal probability curve, product-moment and rank-order correlation, critical ratio and the "t" test of significant differences. Since this course is a prerequisite to some advanced psychology courses, students should elect this course as soon as possible.

Two hours recitation, two hours laboratory. Three credits.

24:211 Educational Psychology

This course is designed to acquaint the student with the information from psychological and educational research about the characteristics of learning motivation, individual differences, personal adjustment and development that are applicable to the classroom situation.

Three hours. Three credits.

24:222 Personnel Management

Same as 3:222.

Three hours. Three credits.

24:306 Abnormal Psychology

This course is a survey of the principal forms of mental and emotional disorders with emphasis upon their causes, symptoms, and course of treatment. It offers a way to study normal behavior by studying such behavior in distortion or in exaggeration.

Three hours. Three credits.

24:308 Tests and Measurements

Techniques of test construction, validation, reliability, item analysis, administration, scoring and interpretation of some of the standardized tests for educational, vocational, and personal diagnosis and prediction of human behavior. The course also considers the construction of essay and objective examinations. Prerequisite: 24:203.

Two hours recitation, two hours laboratory. Three credits.

24:401 Child Development

A study of the development of the child from infancy through the early teens. Motor, intellectual, emotional and social development will be considered, with special attention to the guidance of the child at home and at school.

Three hours. Three credits.

24:402 Psychology of Adolescence

A study of the physical, intellectual, emotional, and social development of the individual during the adolescent stage. Applications to problems of secondary education, home guidance, and recreation will be stressed.

Three hours. Three credits.

24:405 Social Psychology

Same as 26:405.

Three hours. Three credits.

24:406 Experimental Psychology

An introduction to the methods and theory of psychological research. The logic of science and research technique is offered so that the student may design and conduct some standard and original experiments in the laboratory. Prerequisite: 24:203.

Two hours recitation, two hours laboratory. Three credits.

24:408 Psychological Theories

A systematic survey, evaluation and comparison of contemporary theories of human behavior. Reinforcement, field, psychoanalytic, factor, organismic, constitutional and other theories are considered. Open only to juniors and seniors.

Three hours. Three credits.

24:500 Senior Projects in Psychology

Individual study of a specific project in psychology selected by the student in consultation with and under the supervision of his major adviser. Open only to the qualified senior with the consent of his major adviser. This consent must be in writing before registration.

May be taken for two or three credits.

RELIGION AND PHILOSOPHY

DR. LOTZ
DR. REIMHERR
DR. SLATER
MR. EDWARDS

RELIGION

25:101 Old Testament

A survey of the history, literature and religion of the Hebrews. Special emphasis is placed upon the literary content of the Old Testament.

Two hours. Two credits.

25:102 New Testament

This course lays stress on the origin of the New Testament writings. Emphasis is placed upon their religious values in light of their historical setting.

Two hours. Two credits.

25:201 Christian Faith

A study of the relation between God and man in the light of Christian faith. An attempt is made to show the philosophical implications of Christian doctrine.

Two hours. Two credits.

25:202 Christian Ethics

This course begins with a study of historical ethical systems which are compared with the Christian faith. In the second part of the course the Christian characteristics of living are given special emphasis. Prerequisite: 25:201.

Two hours. Two credits.

25:301 The Apostolic Period

This course depicts the rise of Christianity in the first and second centuries within the historic structure of the Graeco-Roman world. Special emphasis is placed on the relevant New Testament writings as well as the Apostolic Fathers.

Three hours. Three credits.

25:302 The Teachings of Jesus

In the search for the solution of modern problems, the attention of the student is directed to the teachings of Jesus. Special emphasis is placed upon the situation in Palestine in the first century as an aid in understanding these teachings.

Three hours. Three credits.

25:311 Comparative Religion

The course is designed to offer a survey of all major, contemporary, non-Christian religions from a historical and theological point of view. Problems of the method of study of non-Christian religion and the nature of religion are surveyed. Sources used where possible.

Three hours. Three credits.

25:312 Background of the New Testament

Emphasis will be placed upon the reading of the historical, cultural and religious source material of the period between the testaments (Apocrypha, Josephus, Philo, Dead Sea Scrolls) in order to understand the environment of Jesus and the early church.

Three hours. Three credits.

PHILOSOPHY

For a major in Philosophy the student must take 24 hours including 21:101. For a minor in Philosophy the student must take 18 hours including 21:101.

21:101 Introduction to Philosophy

This course offers an introduction to various fields of philosophy. Special emphasis is placed upon the philosophical alternative in the contemporary world.

Three hours. Three credits.

21:201 Logic and The Scientific Method

This course presents the guiding principles of correct thinking, the nature of the deductive and inductive processes as well as the bases of the scientific method.

Three hours. Three credits.

21:301 Ancient Philosophy

This course treats the beginnings of Western philosophy. It extends from Thales to Plotinus. Original sources are used throughout.

Three hours. Three credits.

21:305 Philosophy of Science

The student is asked to explore the nature of science, the limits and possibilities of the sciences to answer the question about the "why" of things, events and human behavior as well as to investigate reliable methods for testing evidence. Attention is also given to the implications of scientific methodology for philosophy itself. Open to juniors and seniors.

Three hours. Three credits.

21:302 Medieval Philosophy

This course covers the period from Augustine to William of Occam. Along with readings of original sources, the aim is to understand the medieval synthesis.

Three hours. Three credits.

21:303 Modern Philosophy

This course treats the development of philosophical thought from Descartes to Kant. Special emphasis is placed upon problems of epistemology.

Three hours. Three credits.

21:304 Contemporary Philosophy

This course begins with a study of the Hegelian philosophy and is carried down to contemporary times. The various movements of present day philosophy are analyzed in detail.

Three hours. Three credits.

21:402 American Philosophy

This course aims to trace the development of American philosophical thought

from the colonial period to the present. Emphasis will be placed upon the manner in which philosophy reflects the various trends in American life and thought.

Three hours. Three credits.

21:403 The Philosophy of Religion

This course offers a philosophical inquiry into religious problems such as the nature of God, the meaning of faith, and problems of religious epistemology.

Three hours. Three credits.

21:500 Departmental Seminar

Qualified students are given the opportunity to study a specific topic in the field of philosophy in consultation with the department. Seminar discussion of research results will be included.

Three hours. Three credits.

SOCIOLOGY AND ANTHROPOLOGY

MR. STEVENS
DR. FENG
MR. NIBBLING

Requirements for departmental major: 24 semester hours, exclusive of 26:101 which is the prerequisite for all courses in Sociology except Anthropology. 26:151, 26:203, 26:311, and 26:410 are required of all majors. Supporting courses to be elected with advice of major adviser.

Requirements for departmental minor: 18 semester hours, exclusive of 26:101 which is the prerequisite for all courses except those in Anthropology. 26:203 recommended.

26:101 Principles of Sociology

Methods and approaches of scientific analysis applied to contemporary cultures and societies; socialization, individual and group interaction, and the major social institutions; social organization; social change, and collective behavior. Open to freshmen and sophomores only.

Three hours. Three credits.

26:151 Introduction to Cultural Anthropology

A study of the concept of culture as it is expressed in the technologies, the economic, social and political systems and the religions and arts of primitive and peasant societies. The characteristics of culture and its relationship to society are examined.

Three hours. Three credits.

Student group embarking on European study

26:203 Elementary Statistics

Same as 24:203.

Two hours lecture, two hours laboratory. Three credits.

26:251 Anthropological Theory

The role of anthropology in the history of ideas will be examined. This will be followed with a critical study of the principal schools of anthropological thought: classical and neo-evolutionists, diffusionists, the historical schools and the functionalists. Prerequisite: 26:151.

Three hours. Three credits.

26:301 The City

A study of urbanism, the community and planning; the growth and location of urban populations, the interdependence of city and hinterland, the ecology of the city, the rural-urban contrasts in institutions, behavior and belief, and the analysis of urban communities, characteristics and functions; community planning and urban redevelopment conclude the course. Prerequisite: 26:101.

Three hours. Three credits.

26:302 Industrial Sociology

The development of modern industry as a problem of social relationships; formal and informal industrial organizations; social classes and the industrial order; social controls of industry. Prerequisite: 26:101.

Three hours. Three credits.

26:303 Criminology

The nature and significance of crime; statistics of crime and criminals, historical development of criminological theory, modern explanations of crime, criminal laws and courts, police and prisons, crime prevention. Prerequisite: 26:101.

26:304 Marriage and The Family

Study of the structure and function of the family with emphasis on the contemporary American family; courtship, factors in successful marriage, changing status of the family group, family disorganization, modern theories of marriage with special emphasis on the Christian ideal of marriage. Prerequisites: 26:101, 26:251, or permission of the instructor. Open to juniors and seniors only.

Three hours. Three credits.

26:311 Social Theory

The main works of the major writers who have contributed to the development of social theory are reviewed, with an intensive study of specific writings of key theorists. Emphasis is also placed on the use of theory in empirical research. Required of all departmental majors, and strongly suggested for

students planning graduate work in the social sciences. Prerequisite: 26:101.
Three hours. Three credits.

26:351 Caribbean Cultures

A study of the ways of life of selected Caribbean and Central American cultures. An attempt will be made to understand the socio-cultural features that set off this region as a distinct culture-area of the world. Prerequisite: 26:151.
Three hours. Three credits.

26:352 Latin American Cultures

A study of the ways of life of selected South American cultures. An attempt will be made to understand the socio-cultural features that characterize Latin America as a distinct culture-area of the world. Prerequisites: 26:151 and 26:351.
Three hours. Three credits.

26:403 Minorities

The position of races and minorities in the United States; pattern of race relations, institutional and community aspects of race and minority relations, the effect of minority status on personality development. Prerequisite: 26:101.
Three hours. Three credits.

26:404 Introduction to Social Work

An introductory course covering the scope and function of the various fields of social work. The work of the classroom is supplemented by special lectures and seminars by officials of the various social agencies. Prerequisites: 26:101, 24:201. Not offered 1964-65.
Three hours. Three credits.

26:405 Social Psychology

A study of the interaction of individuals in their several group relations, the contacts of harmony, the conflict within groups as well as between groups, group leadership and group controls, the phenomena of imitation and suggestion. Prerequisites: 26:101; 24:201.
Three hours. Three credits.

26:410 Research Design

The systematic procedures of observations and measurement used to obtain data about human groups and institutions. The nature and use of hypotheses, theories and laws within the general principles of research design; the techniques of observation, sampling, interviewing, data processing and analysis will be studied through research projects. A course designed for those who

plan to devote further study in sociology, psychiatric social work, and other behavioral sciences. Permission of the instructor is required.

Three hours. Three credits.

26:411 Social Stratification

The nature and function of stratification in society: institutionalized social roles, status and prestige evaluated through the criteria of politics, religion, occupation, wealth and lineage. Social vertical mobility, theories of class origin, and the impact of class on personality. Prerequisite: 26:101, 26:151, 26:311, or permission of the instructor. Not offered 1964-65.

Three hours. Three credits.

26:412 Medical Sociology

The organization of medicine and patient behavior. The sociological and social psychological processes involved in medical education, medical practice, hospitals, and other healing institutions in modern society. The investigation on sociological aspects of disease, the process of perceiving it, seeking professional help, and interacting with physicians and other health practitioners. Not offered 1964-65.

Three hours. Three credits.

26:452 Culture and Personality

A study of selected theories, methods and techniques that attempt to understand the relationship of the individual to his culture and to his society. The contributions of Benedict, Mead, Malinowski, Sapir, and Linton among others will be studied. Prerequisites: 26:151, 26:405. Not offered 1964-65.

Three hours. Three credits.

26:500 Individual Study

Individual work for qualified students (approximately 3.00 average); supervised readings and writing in advanced fields of sociological study, such as: social theory, social organization, social institutions, anthropology. Prerequisites: 26:101, 26:151, and permission of instructor.

Three hours. Three credits.

15. Directories for 1963-64

THE BOARD OF DIRECTORS

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Term Expires 1964

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The Rev. Walter B. Freed, B.A., B.D., D.D.	Sunbury, Pa.
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Ralph W. Woodruff, B.A., M.A., LL.B.	Selinsgrove, Pa.

Term Expires 1965

Claude G. Aikens, B.S.	State College, Pa.
Roger M. Blough, B.A., LL.B., LL.D.	New York, N. Y.
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Norman E. Walz	Sunbury, Pa.
The Rev. Gustave W. Weber, B.A., B.D., S.T.M., Th.D., D.D.	Selinsgrove, Pa.

Pine Lawn

Term Expires 1966

The Rev. F. W. Brandt, B.A., B.D., D.D.	Altoona, Pa.
Penn G. Dively, B.A. *(Synod Representative)*	Davidsville, Pa.
The Rev. John F. Harkins, M.A., D.D.	State College, Pa.
J. Edward Lenker, B.S.	Sunbury, Pa.
Robert F. Lowry	Williamsport, Pa.
Scott C. Rea, Pharm.D., L.H.D.	Sunbury, Pa.
The Rev. Luke H. Rhoads, B.A., B.D., D.D., *(Synod Representative)*	Hollidaysburg, Pa.
Erle I. Shobert, II, B.A., M.A., Sc.D., *(Alumni Nominee)*	St. Marys, Pa.

Term Expires 1967

The Rev. Lester J. Karschner, B.A., S.T.M., *(Synod Representative)*	Hollidaysburg, Pa.
The Rev. Robert W. Koons, B.A., B.D., D.D.	Gettysburg, Pa.
Mrs. Louise Mehring Koontz, B.S., *(Alumni Nominee)*	Westminster, Md.
John R. Miller, Esq. *(Synod Representative)*	Bellefonte, Pa.
Joseph Lincoln Ray	Sunbury, Pa.
Preston H. Smith, B.S.	Williamsport, Pa.
Clyde R. Spitzner, B.S., M.Ed.	Gladwyne, Pa.

Term Expires 1968

William R. Burchfield	Montgomery, Pa.
Wilbert R. Forse *(Synod Representative)*	Williamsport, Pa.
Orlando W. Houts	State College, Pa.
The Rev. Richard B. Martin, B.A., B.D., S.T.M., D.D.	Williamsport, Pa.
The Rev. Dwight F. Putman, D.D., LL.D. *(Synod Representative)*	Harrisburg, Pa.
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ROBERT A. HEINBACH, M.D.	*University Physician*
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WILHELM REUNING, M.S., PH.D.*	*Dean, Director of Summer Session*
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Diploma 1908, Gymnasium and Seminary, Breklum, Germany; M.A. 1912, Susquehanna University; Ph.D. 1920, Vanderbilt University.

ALICE HOLMEN GIAUQUE — *Associate Professor Emeritus of Music*
B.S. 1937, M.A. 1940, Columbia University.

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*Member of Administrative Cabinet.

THE FACULTY

GUSTAVE W. WEBER (1959) *President*
B.A. 1928, D.D. 1961, Wagner College; B.D. 1932, S.T.M. 1933, Lutheran Theological Seminary, Philadelphia; Th.D. 1937, Episcopal Divinity School, Philadelphia.

WILHELM REUNING (1959) *Dean and Professory of History*
B.S. 1948, M.S. 1948, Ph.D. 1956, University of Pennsylvania.

PROFESSORS

THOMAS F. ARMSTRONG, JR. (1947) *Professor of Business Administration*
B.S. 1928, Wesleyan University; M.B.A. 1930, Harvard University; Ed.D. 1947, Temple University.

JANE FOX BARLOW (1954) *Professor of Classical Languages*
B.S. 1947, Smith College; M.A. 1949, Ph.D. 1952, Johns Hopkins University.

RUSSELL WIEDER GILBERT (1930) *Professor of German*
B.A. 1927, Muhlenberg College; M.A. 1929, Ph.D. 1943, University of Pennsylvania.

JOHN JACOB HOUTZ (1927) *Professor of Chemistry*
B.A. 1908, Susquehanna University; M.S. 1912, Louisiana State University; Sc.D. 1933, Carthage College.

CHARLES AUGUSTUS RAHTER (1960) *Professor of English*
B.A. 1949, Western Maryland College; M.A. 1951, Ph.D. 1958, University of Pennsylvania.

GEORGE MERRITT ROBISON (1942) *Professor of Mathematics*
B.A. 1916, M.A. 1917, Ph.D. 1919, Cornell University.

*WILLIAM ADAM RUSS, JR. (1933) *Professor of History*
B.A. 1924, Ohio Wesleyan University; M.A. 1926, University of Cincinnati, Ph.D. 1933, University of Chicago.

ASSOCIATE PROFESSORS

FREDERIC CALVIN BILLMAN (1947) *Associate Professor of Music*
B.Mus. 1936, Susquehanna University; M.A. 1941, Columbia University; Professional study, Juilliard School of Music.

PHILIP CORYDON BOSSART (1952) *Associate Professor of Psychology*
B.S. 1947, M.S. 1949, University of Pittsburgh.

HOWARD EPHRAIM DEMOTT (1948) *Associate Professor of Biology*
B.S. 1935, Bloomsburg State College; M.S. 1940, Bucknell University.

KENNETH O. FLADMARK (1961) *Associate Professor of Business Administration*
B.A. 1948, Augustana College (S.D.); M.Litt. 1949, University of Pittsburgh.

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*On sabbatical leave second semester 1963-64

GEORGE ROBINSON FUTHEY (1960) *Associate Professor of Economics*
B.S. 1954, M.S. 1955, Ohio State University; Ph.D. 1960, Pennsylvania State University.

GYNITH COLLEEN GIFFIN (1962) *Associate Professor of Chemistry*
B.S. 1953, M.S. 1955, University of Wichita; Ph.D. 1958, University of Illinois.

*RUSSELL CONDRAN HATZ (1939) *Associate Professor of Music*
B.S. 1937, Lebanon Valley College; M.A. 1942, Columbia University; Professional study, Juilliard School of Music.

LAMAR D. INNERS (1952) *Associate Professor of Accounting*
B.S. 1933, Millersville State College; M.Ed. 1952, Temple University.

LUCIA S. KEGLER (1960) *Associate Professor of Modern Languages*
B.A. 1954, Mississippi State College; M.A. 1956, Duke University.

ALFRED J. KRAHMER (1960) *Librarian*
B.A. 1929, Wagner College; M.A. 1930, Columbia University; Diploma 1933, Lutheran Theological Seminary, Philadelphia; M.L.S. 1960, Rutgers University.

BENJAMIN LOTZ (1947) *Associate Professor of Religion and Philosophy*
B.A. 1923, Wittenberg University; B.D. 1928, Lutheran Theological Seminary, Philadelphia; M.A. 1954, University of Pennsylvania; D.D. 1961, Susquehanna University.

CHARLES E. LYLE (1961) *Associate Professor of Psychology*
B.A. 1947, West Liberty State College; M.Ed. 1948, Ph.D. 1956, University of Pittsburgh.

**KENNETH FRANK MAILLOUX (1957) *Associate Professor of History*
B.A. 1951, University of Massachusetts; M.A. 1953, Ph.D. 1957, Boston University.

BRUCE LEROY NARY (1960) *Associate Professor of English*
B.S. 1947, Ithaca College; M.A. 1951, Ph.D. 1956, University of Michigan.

OTTO REIMHERR (1959) *Associate Professor of Philosophy and Religion*
B.S. 1937, The College of the City of New York; B.D. 1943, Lutheran Theological Seminary, Gettysburg; Ph.D. 1957, Columbia University.

FREDERICK CLEMENT STEVENS (1930) *Associate Professor of Sociology*
B.A. 1926, University of Minnesota; M.A. 1932, Columbia University.

ASSISTANT PROFESSORS

FRANCES DUNLAP ALTERMAN (1956) *Assistant Professor of Music*
B.Mus. 1932, Eastman School of Music; M.A. 1951, Columbia University; Professional study, Juilliard School of Music.

ROBERT M. BASTRESS (1959) *Assistant Professor of Education*
B.S. 1939, Susquehanna University; M.A. 1947, Bucknell University.

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*On sabbatical leave 1963-64
**On sabbatical leave first semester 1963-64

JEAN B. BEAMENDERFER (1952) *Assistant Professor of Business Education*
B.S. 1939, Susquehanna University; M.S. 1948, Bucknell University.

ROBERT L. BRADFORD (1963) *Assistant Professor of Political Science*
B.A. 1957, Colgate University; M.A. 1958, Yale University.

NANCY ALLEN CAIRNS (1963) *Assistant Professor of French*
B.A. 1953, Marshall University; M.S. 1959, Ohio University.

J. DOUGLAS CAMPBELL (1963) *Assistant Professor of Accounting*
B.A. 1952, Pennsylvania State University; M.B.A. 1957, Rutgers University.

GALEN H. DEIBLER (1959) *Assistant Professor of Music*
B.Mus. 1953, New England Conservatory of Music; B.Mus. 1954, M.Mus. 1955, Yale School of Music.

PAUL FENG (1963) *Assistant Professor of Sociology*
B.A. 1958, United Universities (Chung Chi College) of Hong Kong; M.S. 1959, Sam Houston State Teachers College; M.A. 1961, Ph.D. 1963, New York University.

GLADYS H. FREED (1962) *Assistant Professor of Classical Languages*
B.A. 1920, University of Pittsburgh; M.A. 1923, Ph.D. 1926, University of Chicago.

ROBERT SCHMIDT FULGHUM (1960) *Assistant Professor of Biology*
B.S. 1954, Roanoke College; M.S. 1959, Virginia Polytechnic Institute.

DRAGOMIR GAJIC (1961) *Assistant Professor of Modern Languages*
Ph.D. 1950, University of Bonn.

FRED A. GROSSE (1960) *Assistant Professor of Physics*
B.S. 1955, Muhlenberg College; M.S. 1957, Lehigh University.

NANCY B. HATZ (1944) *Assistant Professor of Music*
B.S. 1936, Lebanon Valley College; M.A. 1941, Columbia University.

GEORGE KARATZAS (1962) *Assistant Professor of Economics*
B.A. 1955, Victoria University of Manchester; M.A. 1958, New York University.

JOHN H. LONGAKER, JR. (1962) *Assistant Professor of History*
B.A. 1950, Lafayette College; M.A. 1951, University of Pennsylvania.

MARJORIE WOLFE MCCUNE (1959) *Assistant Professor of English*
B.A. 1943, Susquehanna University; M.A. 1961, Bucknell University.

BETSY JANE MCDOWELL (1955) *Assistant Professor of Physical Education and Health*
B.A. 1955, Luther College.

THOMAS F. MCGRATH (1963) *Assistant Professor of Chemistry*
B.S. 1950, Franklin and Marshall College; Ph.D. 1954, University of Pittsburgh.

JOHN PETER MAGNUS (1960) *Assistant Professor of Music*
B.S. 1951, M.S. 1952, Juilliard School of Music.

WILLIAM NIBBLING (1963) *Assistant Professor of Sociology and Anthropology*
B.A. 1948, New York University.

WARREN J. PIRIE (1959) *Assistant Professor of Psychology*
B.S. 1949, Susquehanna University; M.S. 1958, Bucknell University.

MARY KATHRYN POTTEIGER (1924) *Assistant Professor of Music*
B.Mus. 1925, Susquehanna University.

MARY SUSAN POWER (1961) *Assistant Professor of Political Science*
B.A. 1957, Wells College; M.A. 1959, Stanford University; Ph.D. 1961, University of Illinois.

BRUCE D. PRESSER (1961) *Assistant Professor of Biology*
B.A. 1949, M.A. 1951, Temple University; Ph.D. 1955, Pennsylvania State University.

JOHN E. SLATER (1961) *Assistant Professor of Philosophy and Religion*
B.A. 1925, Wittenberg University; B.D. 1928, Hamma Divinity School; M.A. 1931, Ph.D. 1941, University of Pittsburgh.

JAMES MERLE STOLTIE (1962) *Assistant Professor of Music*
B.A. 1959, Knox College; M.A. 1960, Ph.D. 1962, State University of Iowa.

NANCY MARIE PATTERSON TISCHLER (1962) *Assistant Professor of English*
B.S. 1952, District of Columbia Teachers College; M.A. 1954, Ph.D. 1957, University of Arkansas.

ELIZABETH WILEY (1962) *Assistant Professor of English*
B.S. 1950, University of Pennsylvania; M.Litt. 1956, Ph.D. 1962, University of Pittsburgh.

DONALD E. WISSINGER (1962) *Assistant Professor of Education*
B.A. 1950, Susquehanna University; M.Ed. 1953, Pennsylvania State University.

INSTRUCTORS

RONALD E. BERKHEIMER (1962) *Instructor in Journalism*
B.S. 1956, Temple University.

DAVID A. BOLTZ (1963) *Instructor in Music*
B.S. 1958, Susquehanna University; M.M.E. 1962, Indiana University.

GEORGE C. BOONE (1963) *Instructor in Biology*
B.S. 1960, Lock Haven State College; M.S. 1963, University of Kansas.

FRANK S. BRENNEMAN (1963) *Instructor in Mathematics*
B.A. 1960, Goshen College; M.A. 1963, Pennsylvania State University.

JARED R. CURTIS (1961) *Instructor in English*
B.A. 1957, Yale University; M.A. 1961, University of Michigan.

ERNEST DAYKA (1963) *Instructor in Speech*
B.A. 1960, Baldwin-Wallace College; M.A. 1962, Western Reserve University.

RICHARD A. EDWARDS (1963) *Instructor in Religion*
B.A. 1956, Princeton University; M.A. 1962, University of Chicago.

JAMES J. ENGLISH (1962) *Instructor in Education*
B.A. 1949, Hobart College; Th.B. 1953, Philadelphia Divinity School; M.S. 1959, University of Pennsylvania.

FRANK WILLIAM FLETCHER (1962) *Instructor in Geology*
B.A. 1959, Lafayette College; M.S. 1960, University of Rochester.

JAMES HERB (1961) *Instructor in Physics*
B.S. 1958, M.S. 1960, Bucknell University.

WILLIAM C. HUGHES (1963) *Instructor in History*
B.A. 1959, Franklin and Marshall College; M.A. 1962, Pennsylvania State University.

T. JEFFERSON GANNON (1963) *Instructor in Physical Education*
B.A. 1962, Moravian College.

JAMES WILLIAM GARRETT (1960) *Instructor in Physical Education*
B.S. 1952, Utah State University, M.A. 1958, Columbia University.

GERALD R. GORDON (1962) *Instructor in History*
B.A. 1959, M.A. 1961, University of Maine.

ROSINE L. KRAHMER (1961) *Library Cataloger*
B.A. 1930, Barnard College; M.S. in L.S. 1958, Columbia University.

ROBERT G. MOWRY (1962) *Instructor in Spanish*
B.A. 1959, Oberlin College; M.A. 1962, Middlebury College.

EMILY RAHTER (1961) *Periodicals Librarian*
B.A. 1938, University of Mississippi; B.S. in L.S. 1946, Columbia University.

LEONE E. RE (1961) *Instructor in French*
B.A. 1958, American International College.

JOHN MOORE READE III (1962) *Instructor in Mathematics*
B.S. 1941, U. S. Naval Academy; M.S. 1962, Purdue University.

BEVERLY MARIE REED (1962) *Instructor in Physical Education and Health*
B.S. 1962, East Stroudsburg State College.

BEULAH REIMHERR (1961) *Instructor in English*
B.A. 1942, Houghton College; M.A. 1960, University of Maryland.

JANE SCHNURE (1963) *Assistant Librarian*
B.A. 1947, Susquehanna University; M.S. in L.S. 1963, Drexel Institute of Technology.

DAN A. SEKANOVICH (1961) *Instructor in Physical Education and Health*
B.S. 1954, University of Tennessee.

SUZANNE JOHNSTON SNYDER (1962) *Instructor in German and English*
B.A. 1941, Wilson College.

GEORGE R. F. TAMKE (1959) *Instructor in Art*
B.A. 1948, Wagner College; M.A. 1949, Columbia University.

ROBERT L. WINDISH (1961) *Instructor in Physical Education*
B.S. 1952, Georgetown University.

PART-TIME FACULTY

RICHARD C. COX (1958) *Lecturer in Business Administration*

THOMAS R. DEANS (1961) *Lecturer in English*
B.A. 1955, Bucknell University.

IRVIN GRAYBILL, JR. (1957) *Lecturer in Business Administration*
B.A. 1949, Bucknell University; LL.B. 1952, Harvard Law School.

HILDA KARNIOL (1959) *Instructor in Art*
Graduate, Vienna Academy for Women.

KARL E. MOYER (1962) *Instructor in Organ*
B.S. Mus. 1959, Lebanon Valley College; M.S.M. 1961, Union Theological Seminary.

ANN POTTEIGER (1961) *Lecturer in Art*
B.F.A. 1915, Philadelphia Museum College of Art.

JOHN F. QUACKENBUSH (1963) *Lecturer in Psychology*
B.S. 1954, Tulane University; M.S. 1959, Pennsylvania State University.

C. MERLE TISCHLER (1963) *Lecturer in Business Administration*
B.A. 1952, M.S. 1954, Columbia University; LL.B. 1959, George Washington University Law School.

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PHYSICAL EDUCATION AND ATHLETICS: Dr. Weber, *chairman;* Dr. Gilbert, Mr. Fladmark, Mr. Garrett, Mr. Grosse, Mr. Wissinger, Mr. Tamke, James Summers (representing the Student Council)

PUBLICATIONS: Mr. Tamke, *chairman;* Dr. Power, Dr. Tischler, Mrs. Alterman, Miss Kegler

RELIGIOUS LIFE: Dr. Lotz, *acting chairman;* Dr. Polson, Dr. Reimherr, Dr. Reuning, Dr. Weber, Dr. Wiley, Mr. Magnus

SOCIAL AFFAIRS: Dr. Steltz, *chairman;* Dr. Reimherr, Mr. Grosse, Mr. Karatzas, Mrs. McCune, Miss Potteiger, Miss Reed, Gaye Wolcott (representing the Student Council)

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TEACHER EDUCATION: Mr. Bastress, *chairman;* Dr. Stoltie, Miss Beamenderfer, Mr. Gordon, Mr. Herb, Mr. Re

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ROBERT L. WINDISH, B.S. — *Head Track and Assistant Football Coach*
DAN A. SEKANOVICH, B.S. — *Assistant Football Coach*
JOHN E. BARR, B.A. — *Head Basketball and Golf Coach*
JAMES J. ENGLISH, M.S. — *Head Soccer Coach*
TAM POLSON, ED.D. — *Head Cross Country Coach*
T. JEFFERSON GANNON, B.A. — *JV Football and Basketball and Assistant Baseball Coach*
FRED A. GROSSE, M.S. — *Head Tennis Coach*
BETSY J. MCDOWELL, B.A. — *Women's Basketball Coach*
BEVERLY M. REED, B.S. — *Women's Field Hockey Coach*

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61 Club Road, Upper Montclair, N. J.

H. VERNON BLOUGH '26 — *Vice President*
841 Vickroy Ave., Johnstown, Pa.

MARJORIE L. SPOGEN '50 — *Recording Secretary*
P.O. Box 282, Turbotville, Pa.

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306 W. Pine St., Selinsgrove, Pa.

DR. JOHN J. HOUTZ '08 — *Historian*
405 University Ave., Selinsgrove, Pa.

LOUISE MEHRING KOONTZ '35 (Mrs. Howard E. Jr.) — *Representative on University Board of Directors*
Wyndwood Hill, Route 7, Box 24-C, Westminster, Md.

DR. ERLE I. SHOBERT II '35 — *Representative on University Board of Directors*
Box 343, St. Marys, Pa.

RAY W. KLINE x'38 — *Representative to Athletic Committee*
Beaver Springs, Pa.

SIMON B. RHOADS '30 — *Representative to Athletic Committee*
Susquehanna Avenue, Selinsgrove, Pa.

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ISABELLA HORN KLICK '34 (Mrs. Richard C.) 836 S. George St., York, Pa.
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RUTH BERGSTRESSER KOCH '34 (Mrs. James F.), 125 W. Fern St., Hazleton, Pa.
RUTH E. MCCORKILL '43, Apt. 34, 41 Main St., Orange, N. J.
W. DONALD FISHER '51, 304 Charles Ave., Selinsgrove, Pa.

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PATRICIA F. HEATHCOTE '52, 2421 Cambridge Road, York, Pa.
THE REV. ROBERT G. SANDER '40, 5 West Third St., Lewistown, Pa.
HENRY G. CHADWICK '50, 642 Deaver Drive, Blue Bell, Pa.

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Box 35A2, R.D. 2, Hollidaysburg, Pa.

FRANK V. COMPTON '52 ..... *Baltimore*
2512 Edgewood Ave., Baltimore 34, Md.

DR. ROBERT N. TROUTMAN '26 ..... *California*
21 Drogoras St., Nicosia, Cyprus (until Sept. 1964)

DR. ANDREW V. KOZAK '32 ..... *Centre-Union*
226 Corl St., State College, Pa.

THE REV. PAUL B. LUCAS '28 ..... *Chambersburg-Hagerstown*
228 E. Washington St., Chambersburg, Pa.

MARJORIE STAPLETON DEIBERT '46 (Mrs. Oliver) ..... *Harrisburg*
29 Runyon Road, Hummelstown, Pa.

CHARLES A. VENNER III '49 ..... *Johnstown*
330 Margaret Ave., Johnstown, Pa.

To be elected ..... *Lancaster*

HAROLD R. KRAMER '48 ..... *Lehigh Valley*
1154 E. Cedar St., Allentown, Pa.

JOY MCCAHAN SHEAFFER '51 (Mrs. William M.) ..... *Lewistown*
R.D. 2, Port Royal, Pa.

WILLIAM O. ROBERTS '29 ..... *Luzerne-Lackawanna*
114 Center St., Forty Fort, Pa.

S. JOHN PRICE '42 ..... *Mount Carmel-Shamokin*
1435 Market St., Ashland, Pa.

DIANE H. SCHILKE '56 ..... *New York Metropolitan*
144 E. 37th St., Apt. 4R, New York 16, N. Y.

FRANK A. '48 and RUTH WILLIAMS ZEIDLER '47 ..... *North New Jersey*
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LOUISE E. WEST '39 ..... *Philadelphia*
111 S. Church St., West Chester, Pa.

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MRS. J. EDWARD LENKER ..... *Advisory Members*
MRS. C. RENN
MISS ANN POTTEIGER ..... *Artists for the Gem Books*

ENROLLMENT SUMMARY

	Men	*Women*	*Total*	
Seniors	130	77	207	
Juniors	140	95	235	
Sophomores	135	90	225	
Freshmen	200	182	382	
	605	444	1049	
Studying Abroad		1	1	
	605	445	1050	
Special Students	5	11	16	
	610	456	1066	1066
Summer Session 1963	87	31	118	
Names Repeated	77	24	101	17
				1083

GEOGRAPHIC DISTRIBUTION OF STUDENTS
ENROLLED IN REGULAR SESSION 1962-63

California	1		1
Connecticut	11	11	22
Delaware	1	5	6
Florida		1	1
Hawaii		1	1
Indiana	1		1
Maryland	18	9	27
Massachusetts	2	6	8
New Jersey	109	96	205
New York	39	42	81
North Carolina		2	2
Ohio		1	1
Pennsylvania	416	259	675
Rhode Island		1	1
Vermont	2	1	3
Virginia	1	4	5
District of Columbia	2	2	4
West Virginia		1	1
Total, United States	603	442	1045
British West Indies	1		1
Canada		1	1
Denmark	1		1
Korea		1	1
	605	444	1049

16. Degrees Conferred

JUNE 1963

HONORARY DEGREES

Doctor of Divinity

Cedric Wilbur Tilberg Camp Hill, Pa.

Doctor of Humane Letters

Scott Coyle Rea Sunbury, Pa.

Doctor of Letters

Harry Harter Haddon Sunbury, Pa.

Doctor of Science

Donald Metcalf Pace Lincoln, Neb.

DEGREES IN COURSE

Bachelor of Arts

Carol Ann Gresh, *summa cum laude* Northumberland, Pa.
Lester Frederick Hummel, *summa cum laude* Mt. Holly Springs, Pa.
Eileen Mary Pettit, *summa cum laude* Brooklyn, N. Y.
Barbara Anne Deroba, *magna cum laude* Trevorton, Pa.
Kay Marie Potts, *magna cum laude* Pine Grove, Pa.
Irene Miriam Etter, *cum laude* Chambersburg, Pa.
David Richard Gahan, *cum laude* Selinsgrove, Pa.
Barry Lee Kauffman, *cum laude* Sunbury, Pa.
Dennis Paul Woodruff, *cum laude* Camp Hill, Pa.
Biruta M. Aigars Harrisburg, Pa.
Curtis Winfield Barry West Caldwell, N. J.
Laura Cynthia Berry Reading, Pa.
Marjorie Anne Blair Lewisburg, Pa.
James Alan Blessing New Bloomfield, Pa.
Georgiann Brodisch Millerstown, Pa.
Sarah Lynn Broscious Sunbury, Pa.
Patricia M. Brownell Starrucca, Pa.
Carol Ann Cairns Lancaster, Pa.
Barbara Jeanne Claffee Pennsauken, N. J.
Michael Cordas, Jr. Steelton, Pa.
Donald Stanwood Cornelius Souderton, Pa.
Ann Louise Corson Hughesville, Pa.
Joan Marie Dechert Lebanon, Pa.
Fred Binkley Dunkelberger Sunbury, Pa.
Sandra Lin Dunkle Jersey Shore, Pa.
Patricia Ann Estep New Oxford, Pa.
Sandra Elizabeth Eyster Herndon, Pa.
Ann Gross Ferrence Dover, Pa.
Candace Lee Fink Williamsport, Pa.
Frederick Irvin Fisher Pine Grove, Pa.

John Kenneth Frank, Jr.
Mt. Carmel, Pa.
James Ronald Gallagher
Centralia, Pa.
Cynthia Ann Heist Allentown, Pa.
Joseph William Herb
Snydertown, Pa.
James Henry Herrold Shamokin, Pa.
Elwood Billet Hipple, Jr.
Lancaster, Pa.
Carol Ann Hirschmann
Lutherville, Md.
Carol Mae Hobbes Milton, Pa.
Robert C. Hoffman Sunbury, Pa.
Sue Olevia Houseworth Bedford, Pa.
Barbara Ann Jordan Camp Hill, Pa.
Joseph Robert Joyce Ashland, Pa.
Nanette Fay Keller York, Pa.
Peter Hammond Kuebler
Summit Hill, Pa.
Jane Marie Kump Hanover, Pa.
Linda Karen Leach Windber, Pa.
Charles Henry Leathery York, Pa.
Joyce Elaine Lundy Hughesville, Pa.
Linda Ellen Mack Milton, Pa.
Marvin J. Malone Delta, Pa.
Theodore A. Maurer Helfenstein, Pa.
Carl W. Moyer Port Trevorton, Pa.
Carolyn Ann Moyer Souderton, Pa.
Jean Adair Murray Altoona, Pa.
John William Ohst Lyons, N. Y.
Anthony Michael Padula
Kulpmont, Pa.
Doris Anne Pedersen
Westport, Conn.
Joseph Pasquale Perfilio
Jersey City, N. J.
Ann Neta Riesmeyer Pittsburgh, Pa.
Ronnie Edward Schlader
Ashland, Pa.
Jane Katharine Schuyler
Interlaken, N. J.
Margaret Elaine Sewell
Cranford, N. J.
Lee Allen Shamory Middleburg, Pa.
David A. Smith York, Pa.
Neil Raymond Smith Dornsife, Pa.
Robert James Squires Harrisburg, Pa.
Penelope Gifford Stamps
Pleasantville, N. J.
Peggy Ann Thoman Glen Rock, Pa.
John Robert Treon Sunbury, Pa.
Robert John Tushinski
Glen Lyon, Pa.
Samuel Tobias Tyler
Hummels Wharf, Pa.
Kenneth Eugene Unger Hanover, Pa.
Madelyn Faye Valunas
Selinsgrove, Pa.
Rudolph John Van der Hiel
Ardmore, Pa.
Marilyn Elizabeth Vekassy
Linden, N. J.
Jeannie Theresa Weathered
Niantic, Conn.
Mary Virginia Weatherlow
Lancaster, Pa.
Naomi Agnes Weaver
Catasauqua, Pa.
Janet Holland White Norristown, Pa.
Donald Andrew Whitko
Danville, Pa.
Jeffrey Garrett Whitney
Valley Stream, N. Y.
Roger W. Zimmerman
Shamokin Dam, Pa.

Bachelor of Science

William K. Fishburn,
magna cum laude Sunbury, Pa.
Kenneth LaMar Wiest,
magna cum laude Pillow, Pa.
George F. Amerman Sunbury, Pa.
Allen Arthur Aungst Pine Grove, Pa.
Jane Elizabeth Beers Allentown, Pa.
Jay Sidney Berman Pottstown, Pa.
James Clark Black Sunbury, Pa.
Eric William Broadt Lewisburg, Pa.
Mary Elizabeth Noel Brown
York, Pa.
Miriam M. Brown Williamsport, Pa.
George John Campbell, Jr.
Selinsgrove, Pa.
James Jay Campbell Selinsgrove, Pa.
F. Thomas Casey Hatboro, Pa.
Robert William Curtis
Pennsauken, N. J.
Jean Ann Deebel Ringtown, Pa.
Terry J. Derk Trevorton, Pa.
Kenneth Randall Fish Media, Pa.
Russell Irven Fisher Selinsgrove, Pa.
Mary Ann Beck Frank
Harrisburg, Pa.
Stephen Charles Gettier
Biglerville, Pa.
Carolyn Gladys Grabau
Bloomfield, N. J.

John Thomas Graham
Southampton, Pa.
Diana Mae Graybill
Port Trevorton, Pa.
Nancy Loretta Hess
West Caldwell, N. J.
Glen Barry Hostetter West Lawn, Pa.
Ronald Dale Keefer Milton, Pa.
Nellie Mae Keller Hellam, Pa.
George William Kindon, IV
Philadelphia, Pa.
Judith Ann Kipp
New Cumberland, Pa.
Joe William Kleinbauer
Middleburg, Pa.
John Henry Elroy Krohn
Mechanicsburg, Pa.
John Francis Luscko
Mt. Ephraim, N. J.
Walter Keith McCahan
Selinsgrove, Pa.
Robert Steel McKee
Atlantic City, N. J.
William Thomas Moore
Shamokin, Pa.
Clark Ruggles Mosier Dallas, Pa.
Carl Marcus Moyer Oreland, Pa.
Philip Stanley Pemberton
Brooklyn, N. Y.
James Perot Flourtown, Pa.
Janet L. Rettinger
Schuylkill Haven, Pa.
Richard Emerson Rowe
New London, Conn.
Thomas Davies Samuel, Jr.
Mt. Ephraim, N. J.
Samuel Rhine Shirey Lewistown, Pa.
Walter Winstersteen Shirk
Pleasant Gap, Pa.
Sandra Kay Sholley Lewisburg, Pa.
Douglas Elwood Spotts
New Britain, Pa.
Sally Lynne Stephenson
Maplewood, N. J.
Franklin George Trenery, Jr.
Clarks Green, Pa.
James Douglas VanZandt
Pottstown, Pa.
Frank Nickisch Yaggi Goshen, Ind.
Herbert Karl Yingling Burnham, Pa.
Judith Zacharias Hanover, Pa.
Nancy Jean Zimmerman
Livingston, N. J.

Bachelor of Science (Music Education)

Robert Jesse Summer, III, *cum laude*
Delanco, N. J.
Mary Margaret Craft
York Haven, Pa.
Thomas Charles Donlan
Shamokin, Pa.
Robert Eugene Dreisbaugh
Catawissa, Pa.
Lynda Louise Dries Wantagh, N. Y.
Shirley Anne Foehl Springfield, Pa.
Nancy Jane Good Johnstown, Pa.
Donna Marilu Graybill
Cocolamus, Pa.
David Stewart Hackenberg
Northumberland, Pa.
Lynn Eddy Lerew Bendersville, Pa.
Carol Ann Marburger
Orwigsburg, Pa.
Sarah Ann McKalip Smethport, Pa.
Emily Louise Partridge
Maplewood, N. J.
Harry Nathan Ward Garrett, Pa.
Linda Lavon Wassam
Millerstown, Pa.

SEPTEMBER 1963

HONORARY DEGREES

Doctor of Divinity

John Garcia Gensel New York, N. Y.

Doctor of Humane Letters

George Louis Haller Schenectady, N. Y.
Jacob Paul Houser Hively Williamsport, Pa.

DEGREES IN COURSE

Bachelor of Arts

Linda Kay Kent Sunbury, Pa.
D'Arlene McCrea Klus Philadelphia, Pa.
Neal James Markle Oreland, Pa.
John Edward Pignatore Bronx, N. Y.
John Alfred Rodkey Northumberland, Pa.

Bachelor of Science

Karen Judith Geiger Westwood, N. J.

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SUSQUEHANNA UNIVERSITY has been strengthened during the years of its existence by the gifts and bequests of alumni and other friends who believe in and support its program of Christian higher education. To serve youth and the church in this day of higher education's increasing importance, the University must continue to depend upon such capital gifts as well as regular annual support from the Lutheran Church in America and its synods, the Alumni Loyalty Fund, the Women's Auxiliary, business, and industry.

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